

Lancaster County School District

Amendment #1

Solicitation Number Amendment Issue Date Solicitation Issue Date Procurement Officer Phone

E-Mail Address

202308 11/2/2022 10/25/2022

Trevor Hammond, NIGP-CPP, CPPB (803) 416-8828 Procurement@lcsd.k12.sc.us

DESCRIPTION: Custom Bally Walk-In Cooler & Freezer Units for Multiple School Locations

The Term "Offer" Means	Your "Bid" or "Proposal".
SUBMIT OFFER BY (Opening Date/Time): 11/17/22 at 10:00 AM – EST	See "Deadline for Submission of Offer" provision
QUESTIONS MUST BE RECEIVED BY: 11/7/22 at 10:00 AM - EST	See "Questions from Offerors" provision
IUMBER OF COPIES TO BE SUBMITTED: One (1) original	

SUBMIT YOUR OFFER TO THE FOLLOWING ADDRESS:

PHYSICAL & MAILING ADDRESS:

Lancaster County School District Attn: Melinda Adams 300 South Catawba Street Lancaster, SC 29720

See "Submitting Your Offer" provision

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CONFERENCE TYPE	: N/A	PRE-BID	LOCATION: N/A			
DATE & TIME:						
(As appropriate, see "Confere	nces - Pre-Bid/Proposal" & "Site Visit" provisions)					
AWARD &	Notice of Intent to Award will be posted on	or about 11/18/2022 at	the physical address stated above and at the			
AMENDMENTS	following web address: https://sites.google.	com/lcsd.k12.sc.us/lcs	d-procurement/solicitations-awards.			
You must submit a s	igned copy of this form with your offer. B	y submitting a bid or	proposal, you agree to be bound by the terms of			
the solicitation. You	agree to hold your offer open for a minim	<u>ıu</u> m of sixty (60) cale	ndar days after the opening date.			
NAME OF OFFEROR	(Full legal name of business submitting the	offer)	OFFEROR'S TYPE OF ENTITY:			
			(Check one)			
	•		□ Sole Proprietorship			
AUTHORIZED SIGNA	TURE	" ,	□ Partnership			
TO THORNELD GIGHT	TORLE		□ Corporate entity (not tax-exempt)			
/Domon signing round he culturalized to			□ Tax exempt corporate entity			
TITLE	submit binding offer to enter contract on behalf of Offeror named above.)		□ Govemment entity (federal, state, or local) □ Other			
11166	(Business title of person signing above	e)	- Other			
		<u> </u>	(See "Signing your Offer" provision)			
PRINTED NAME	(Printed name of person signing above)	DATE SIGNED	, ,			
Instructions regarding Offeror's name: Any award issued will be issued to, and the contract will be formed with, the entity identified as the offeror above. An offer may be submitted by only one legal entity. The entity named as the offeror must be a single and distinct legal entity. Do not use the name of a branch office or a division of a larger entity if the branch or division is not a separate legal entity, i.e., a separate corporation, partnership, sole proprietorship, etc.						
STATE OF INCOR	PORATION	(If offeror is a corpora	tion, identify the State of Incorporation.)			
TAXPAYER IDENT	TIFICATION NO.	(See "Taxpayer iden	tification Number" provision)			

COVER PAGE LCSD (June 2007)

PAGE TWO

(Return Page Two with Your Offer)

					RESS (Address to whi Gee "Notice" clause)	ch all procurement a	and contract related notices		
				Area Code - Num	iber - Extension	Facsimile			
				E-mail Address					
PAYMENT ADDRESS (Address to which payments will be sent.) (See "Payment" clause)				ORDER ADDRESS (Address to which purchase orders will be sent) (See "Purchase Orders and "Contract Documents" clauses)					
	ldress same as Hor ldress same as Not				ess same as Home (ess same as Notice .				
	GMENT OF AMEN		nendment number and	its date of issue. (S	ee "Amendments to So	licitation" Provision)			
Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date	Amendment No.	Amendment Issue Date		
				<u> </u>		<u> </u>			
DISCOUNT PROMPT PA (See "Discount to Payment" cl	YMENT for Prompt	0 Calendar Days (%)	20 Calenda	ar Days (%)	30 Calendar Days ((%)	Calendar Days (%)		
Minority Part			fied Minority Ve Certified Minor		No □; If yes, S es □ No □	C Certification	n#		
PREFERENCES - A NOTICE TO VENDORS (SEP. 2009): On June 16, 2009, the South Carolina General Assembly rewrote the law governing preferences available to in-state vendors, vendors using in-state subcontractors, and vendors selling in-state or US end products. This law appears in Section 11-35-1524 of the South Carolina Code of Laws. A summary of the new preferences is available at www.procurement.sc.gov/preferences . ALL THE PREFERENCES MUST BE CLAIMED AND ARE APPLIED BY LINE ITEM, REGARDLESS OF WHETHER AWARD IS MADE BY ITEM OR LOT. VENDORS ARE CAUTIONED TO CAREFULLY REVIEW THE STATUTE BEFORE CLAIMING ANY PREFERENCES. THE REQUIREMENTS TO QUALIFY HAVE CHANGED. IF YOU REQUEST A PREFERENCE, YOU ARE CERTIFYING THAT YOUR OFFER QUALIFIES FOR THE PREFERENCE YOU'VE CLAIMED. IMPROPERLY REQUESTING A PREFERENCE CAN HAVE SERIOUS CONSEQUENCES.									
state office in 1524(C)(1)(i)& to qualify for the	the space provi &(ii)) or the Resi	ded below. An i dent Contractor	in-state office is Preference (11	necessary to c -35-1524(C)(1)	claim either the R (iii)). Accordingly	tesident Vendo /, you must pro	e number for your in- or Preference (11-35- ovide this information esident Subcontractor		
1	Office Address Office Address								

PAGE TWO LCSD (Sep 2009)

Effective this date, this amendment forms part of the contract documents and modifies the original IFB.

Revision 1:

Section IX. (page 28) "Attachments to Solicitation" has been amended as follows:

Attachment # 1 for each school (i.e. A-1, B-1, C-1, etc.) has been revised to add page 1 which shows the optional warranties requested. In addition, for South Middle School, Attachment E-1 has been revised to include the load calculations for the Combo Cooler/Freezer Unit.

In an effort to avoid confusion, Section IX shall now be titled "Attachments to Solicitation – Revised" and all attachment titles shall now be labeled as Revised (i.e. Attachment A-1 – Revised). Please see Section IX. "Attachments to Solicitation – Revised" which is attached to this Amendment.

Revision 2:

Page 13, "Erwin Elementary School", item #3, bullet 2 shall now be amended to read, "Bidder should include the optional warranties and optional accessory "Locking Bar with Tamperproof Screws" as listed in "Attachment C-1 — Revised" for Bally Cooler/Freezer in unit pricing."

All other requirements of the solicitation remain unchanged.

OFFEROR'S CHECKLIST

AVOID COMMON BID/PROPOSAL MISTAKES

Review this checklist prior to submitting your bid/proposal. If you fail to follow this checklist, you risk having your bid/proposal rejected.

- · Do not include any of your standard contract forms!
- · Unless expressly required, do not include any additional boilerplate contract clauses.
- Reread your entire bid/proposal to make sure your bid/proposal does not take exception to any of the district's mandatory requirements.
- Make sure you have properly marked all protected, confidential, or trade secret information in accordance with the
 instructions entitled: "Disclosure of Your Bid/Proposal & Submitting Confidential Data". Do not mark your entire
 bid/proposal as confidential, trade secret, or protected! Do not include a legend on the cover stating that your entire
 response is not to be released!
- Make sure you have properly acknowledged all amendments. Instructions regarding how to acknowledge amendments
 are outlined in section entitled: "Instructions to Offerors A. General Instructions (Amendments to Solicitation)".
- Make sure your bid/proposal is signed by a person that is authorized to contractually bind your business.
- Make sure your bid/proposal includes the number of copies requested.
- · Make sure you properly mark the outside of your envelope with the bid number, due date, and time.
- Check to ensure your bid/proposal includes everything requested!
 - □ Cover Page completed and signed
 - □ Page Two completed
 - □ Bid Schedule completed (to include name of company in space provided)
 - □ Company Profile and Reference Form (if required)
 - □ Evidence of Liability Insurance
 - Bid Bond, Certified Check or Cashier's Check (if required)
 - □ Appropriate Number of Copies Requested
- If you have concerns about this solicitation, do not raise those concerns in your response! After opening, it is too late!
 If this solicitation includes a prebid/proposal conference or a question & answer period, raise your questions as a part of that process! Please see instructions under the heading "Instructions to Offerors A. General Instructions Questions from Offerors" and any provisions regarding prebid/proposal conferences.

This checklist is included only as a reminder to help offerors avoid common mistakes. Responsiveness will be evaluated against the solicitation, *not* against this checklist. You do <u>not</u> need to submit this checklist with your response.



Quote No: Item No:

Job Name:

2744-001-R03-LC

Last Update:

Attn:

10/12/2022

Revisor:

Laura Craig

To: All Bidders

Date:

Buford Middle School 10/12/2022

10/3/2022

PVD:

From:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Box Shape

Outdoor Next To Building

NSF APPROVED



Bally Prefabricated Exterior Dimensions:

 $23'-6\frac{3}{4}"(1^*) \times 8'-2\frac{3}{4}"(w^*) \times 8'-6"(h)$ 2 Compartments 1 Tiers

With Floor 4" Floor

Ceiling: Single Span

Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

Details on Following Page(s)

NOTE: Freight shown is an estimate based on current published rates. A fuel surcharge will be added and changes continuously.

Walk-in Price:

Refrigeration Price:

Total Price (FOB Plant)

(Less Refrig. Warranties):

Estimated Freight:

Optional Warranties:

(not included in Total Price)

(1) 00 3/4 HP System (5 yr. Parts, 1 yr. Labor)

(1) 02 HP System (5 yr. Parts, 1 yr. Labor)

Payment terms and conditions are available upon request.

This quotation was based on information supplied to us which may or may not have been complete. Customer is responsible for reviewing this quotation for exclusions, deviations, and any improper information supplied to us.

Signature: _	
	Laura Craig
Date: _	

We are not responsible for the selection or recommendation of the panel finish for any building or walk-in application.

NOTE: Quoting Bally standard specifications, sizes, and finishes.

This quotation is good through 11/26/2022

Act of 2007 (Public Law 110-140) Title III; Section 312, regarding Walk-In Coolers and Walk-In Freezers.



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Attn:

10/12/2022

Buford Middle School PVD:

Date:

10/3/2022

From:

Job Name:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Outdoor Next To Building

NSF APPROVED

Bally Prefabricated Exterior Dimensions:

23'-634"(1*) x 8'-234"(w*) x 8'-6"(h)

2 Compartments 1 Tiers

With Floor 4" Floor

Ceiling: Single Span

Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

Details and specifications for Quote No:

2744-001-R03-LC

Comments:

Base Finish

Vertical and Ceiling Panels: Embossed Galvalume (26 GA)

Special Finishes:

Exterior Door - Embossed Tan

Exterior Door Frame - Embossed Tan

Exterior Floor - Embossed Tan

Interior Floor - Aluminum Treadplate .125" Thick

Wall 1 - Exterior Verticals - Embossed Tan

Wall 2 - Exterior Verticals - Embossed Tan

Wall 3 - Exterior Verticals - Embossed Tan

Wall 4 - Exterior Verticals - Embossed Tan

Doors/Openings:

Wall 2 Door 1 (1) 36" x 78" Hinged Door In a 46"

Wall 2 Door 1 (1) Ext.Alum Diam/Tread Ramp (30-36" Door)

(1) Locking Bar (2 piece) (with Release) Wall 2 Door 1

(1) Strip Curtain (36" Door and Under) Wall 2 Door 1

(1) Super Door 36" Wide and Under, 30" High Wall 2 Door 1

Wall 2 Door 1 (1) Tamperproof Screws (per door) - Non Prison

Partition 1 Door 1 (1) 30" x 78" Hinged Door In a 46"

Partition 1 Door 1 (1) Bally Standard Pressure Relief Port (< 400 sq/ft)

Partition 1 Door 1 (1) Super Door 36" Wide and Under, 30" High

Accessories and Extras:

Version 2.8.25 Page 2 of 5



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Date:

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From:

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Pineville, NC 28134

Phone:

Fax: (704)521-8801

(3) 48" LED KEIL 48x754-CL-N Light

40° F to 100° F(Range)

(67) L/F REB(Reinforced Exterior Bottom)'s

(209) S/F Outdoor Membrane Roof 40 mil standard

(209) S/F Tapered Insul 1/8" on 12"

(1) The loads are 26 Lbs psf live and 115 Mph RC II Wind. The customer must verify that the loads shown on this quote comply with local building codes.

(28) WA-3 Wall Anchor Outside Vertical 4"

(8) WA-4 Wall Anchor Outside Corner 4"

Floor Options:

(209) S/F 1/2" Plywood Foamed in Panel

Refrigeration:

(1) BEZA 007 H8 HS2DB (208-230/1/60) w/ smart speed Scroll Unit 7190 BTU

(1) BEZA 020 L8 HS2D (208-230/1/60) w/ smart speed Includes defrost contactor for 1 Evap.

(1) BLP207LE-S2D 208-230/1/60 2 Fan 7160 BTU/h

(1) BLP209-MA-S1D 115/1/60 2 Fan 8700 BTU/h

(1) Refrigeration is calculated for standard use at a box temperature of 35° F. for the cooler and -10° F. for the freezer with a condensing unit ambient of 105° F.

(1) Time Clock 8145 (shipped loose) 115/1/60

Estimated Shipping:

Weight:

6,731.35

Destination: Lancaster, SC, 29720



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Attn:

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Deviations (Alternates, Remarks, Clarifications, Etc.):

Bally Floor Panels are capable of supporting up to 800 lbs. Per Sq/Ft uniformly distributed stationary loading. Bally does not recommend the use rolling loads of heavy carts, pallet jacks or fork lifts on top of the floors. Warranty for floors subjected to this type of use would not be covered by Bally.

Exclusions (Items Not Supplied by Bally):

√	Shelving, Racks, Interior Accessories	Ø	Caulking and Sealants
	Labor on Warranties		Refrigeration Systems
V	Alarm Systems	V	Refrigeration Accessories
₹.	Supervision	☑	Closure Panel and Trim
V	Tubing, Wiring for Rfg. Equipment	\checkmark	Sleeves, Penetrations, Escutcheon Plates
✓	Compressor Rack	☑	Floor Insulation and Vapor Barrier

Cancelled Orders: Cancelled unshipped standard walk-ins will be charged a 30% restocking fee plus the cost of special panels. Cancelled refrigeration systems will be charged a 30% restocking fee and the cost of any freight accrued. Buy-out items will be charged a 25% restocking fee plus any freight accrued.

Agency Ratings: Bally units comply or surpass applicable Flame Spread-25, UL, UL 723, & NSF standards in a manner conforming to ASTM E-84, and Factory Mutual standards.

Quotation Limitations: This quotation was based upon the specifications given to Bally which may possibly be incomplete. Bally is not responsible for items missing from the quotation due to incomplete or excluded items in the specifications received from the customer. The customer is responsible for reviewing the quotation for omissions or deviations from the specifications given to Bally. All portions of the quotation are subject to revision upon receipt of detailed specifications or if changes are made following the delivery of the original quotation. Quotations expire on the date indicated on Page1 of the Quote. Approval drawings must be returned within 60 days of receipt of the purchase order. The order must ship within the agreed upon time frames or current lead times, but no later than 7 months. Any deviations to this quotation (dimensions or specification changes) will require updated pricing.

Panel Construction: Bally Panels are manufactured with environmentally friendly HFC 245-FA polyurethane foam. This polyurethane foam offers the highest thermal insulation value and the most energy efficiency per cubic inch in comparison to similar foams. It has a zero Ozone Depletion Potential (ODP) and a low Global Warming Potential (GWP). It is not considered a Volatile Organic Compound (VOC) in the US. Standard 4" Bally panels meet the 2009 Federal Energy Standards.

Refrigerants: Unless otherwise specified, refrigeration systems are quoted with environmentally friendly HFO R448A refrigerant. It has a Low Global Warming Potential (GWP) and the EPA lists it as an acceptable substitute for R404A and other high GWP refrigerants.

Automatic Door Closers: Bally includes automatic door closers and spring loaded hinges on all doors 42" wide and smaller as a standard feature with no additional charge that meet the 2009 Federal Energy Standards.

Motors: Bally units are quoted with EC and PSC motors in compliance with federal energy standards, for increased energy savings.

Lighting: Bally units are quoted with lighting in compliance with federal Energy Standards for increased energy savings.

Optional Features: Bally offers additional optional energy-saving features such as Walk-In Alarm & Light Management systems that comply or surpass the 2009 Federal energy regulations.

Version 2.8.25 Page 4 of 5



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Pineville, NC 28134

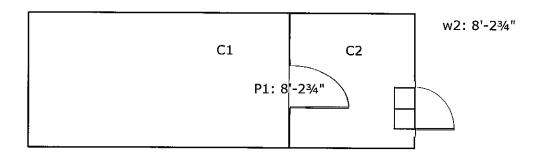
Phone:

Fax: (704)521-8801

This drawing is for reference purposes only and it not intended to be a formal scale model.

w3: 23'-63/4"

w4: 8'-23/4"



w1: 23'-63/4"

DOOR 1: Wall2 36" x 78" Hinged Door In a 46" Centered Hinge:Left Orientaion:Regular PARTITION 1: Wall 1 Offset:7'-8" from wall 2 Partition Length:8'-234"

PARTITION DOOR 1: Partition1 30" x 78" Hinged Door In a 46" Offset:4'-0" from wall 2 Hinge:Left

Buford Middle School Cooler LOAD CALCULATION





	35 AV 36 W		COOL	ING RÉ	QUIR	EMENTS	質問があ				- 10 / 10 mg	
Application	General Walk-i	n Cooler	as quant agracial regions to		L	ocation	Outd	oor V	Varm		- 1, 1- 11 yr mai, 1 agr - 1, 1	and the state of t
Internal Temp	35 °F	Internal RH	84	·%	Exte	rnal Temp	emp 95 °F			External RH		55%
Wall Load	859 BTUH	Infiltration	2,140	BTUH	Р	Products		367 BTUH		1iscellane	ous	639 BTUH
	21%		53	%				9%	i			16%
		WA	LL, FLC	OR AN	D CEI	LING LO	ADS					建工作
Section	Const	ruction	Thickne	K Fa	ictor	R Value	Ext Te		Dim 1 (ft)	Dim 2 (ft)	Are (ft²	
Rear	Urethane, St	andard panels	4.000	0.	14	28.11	35.	0	8.20	8.50	50	
	D	oor				15.00	35.	0	3.00	6.50	20	
Right End		andard panels	4.000		14	28.11	99.		8.20	8,50	70	159
Front		andard panels	4.000	0.	14	28.11	99.	_	8.20	8.50	50	114
	D	oor				15.00	99.	0	3.00	6.50	20	83
Left End		andard panels	4.000	0.	14	28.11	99.	0	8.20	8.50	70	159_
Floor		Panels On Concrete Grade	10.00	0.	31	32.32			8.20	8.20	67	179
Ceiling	Urethane, St	andard panels	4.000	0.	14	28.11	104.	0	8.20	8.20	67	165
		VOLUME (ft³)	572			TOT	AL W	ALL, I	LOOR A	ND CEIL	ING LO	AD 859
		INFILTRATION	\$5-5-45 kg (1 1 1 1 25-469) .	St. 147-365-577, 1485	Back Country		JME AI	ND U	SAGE 🌼		I de	
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			P	RODUC	學學 海北	Manage more できませ	ENGLY ELGS VICES					TAR STA
	Туре			(11	eight Enter Temp Final Tem (lb) (°F) (°F)		(°F)	(hrs)		Load (BTUH)		
Gene	ral, Mixed Product	s, Approximation		1,1	.43	45	45.0 35.0		35.0	24		367
то	TAL PRODUCT V	VEIGHT (lbs)		1,1				Т	OTAL PR	ODUCT	LOAD	367
		100 PM	MISC	ELLANI	EOUS	LOADS						3、煤厂从槽。2016 8、多种/整件。
Quantity		Description			Power			Jnits	Run T (hr:	- 1	Load (BTUH)	
		LIGHTING				1			24		229	
2		EVAPORATOR MOT	OR5			6)		W	24		409
	rajorketaken ovo de 1900 bil ve e Sonjon t	- 1 - 1 - Pagiligant 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	NA medanakan ser	reseauto Mathalia	a verstadodes	Prophilip State of the Co	on of the section of	AL M	ISCELL#	NEOUS	LOAD	639
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		S	/STEM	EQUIPM	IENT	SELECTI	ON				1. 155g - 2. 人。[[[4]] 1.	第一个工程。 第一个工程是是有
Equipment T	ype Quantity	Model Nu	ımber		Description					Vol	tage	Rating (BTUH)
Condensing (Init 1	BEZA007H8			EZ-Li	ne Scroll					30/1/60	6,591
Evaporator	- 1	BLP209M/	A-S1D			Low Prof	ile Evap	orato	r	115,	/1/60	8,843
Total (Total Mill)	our ma Sarvar Smallent i 2001	HIM WE A STATE OF THE STATE OF	一個國際的學術學	YSTEM	BALA		tig Red	andri Belges		New York Land of	n series of the	
Fan Loa	ad (BTUH)	Suction To		•)		Evapora		(°F)		System		y (BTUH)
		26.	.6		1		7.9				6,892	

BEZA007H8-HS2D

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6					EZ-LINE SCROLL CONDENSING UNITS-AIR										
PURCHASER:							SUBMITTED BY: Laura Craig								
PROJECT : Buford Middle School SC							000.			1 Oct 202					
			R # : 0633							#:1					
,			E # : Q10E) # :				• • • • • • • • • • • • • • • • • • • •	
PÜ	RCHA:	SER'S PO							TAGGI		•		 -		
						МО	DEL FE								*
refrigera	nt ope ort cy able pi mode tubin ase he	erating cl cle time ressure f ls only g secure		control	MODEL FEATURES Fan motors are inherently protected with internal overloads Pre-formed piping Receiver with fusible plug and liquid shut off valve Suction Service valve Adjustable flooded head pressure control (unless otherwise indicated) Units are shipped with Helium holding charge Weatherproof electrical control box with compressor contactor and fused control circuit					t i	 Welded hermetic Scroll compressor Adjustable low pressure control with flex hose / fixed high pressure control ECM with SmartSpeed Technology High efficiency enhanced copper tube and aluminium fin coil design Compatible with Low GWP Refrigerants Outdoor weatherproof pre-painted steel cabinet 				
weatherproof electrical control in the second					C Valve H PEED CONTI PEED CONTRO PEE CONTRO PEE CONTRO PEESSO	ROLLER Units DL		1 Sealed Replaces Liquid Li Liquid Li *Standa *Standa OIL SEPA With Oil One Time Oversized Pump Dov QuickVac Receiver ! Single Poi SUCTION With Hea Without Sealed T Replacea TIME CLO Paragoon *230V P: *115V P. Wind Gua	e Lock-Out I INE SOLENO rd 230V Coil rd 115V Coil RATOR Filter and Sol Pump Down i Receiver valves Inlet Ball Va int Electrical ACCUMULAT it Exchanger Heat Exchang FILTER ype ble Core CK 8145 Style aragon 8145 S aragon 8145 S	enoid witch lve OR eer Style Style		3			
VO	LTAGE	:	SV	STEM RE	FRIC	ED ANT	<u> </u>	RATIN	<u> </u>	SHC	TON TEMP	AMBIENT	TEMD	LCADA	CITY
208-2			31	R44				0.7H			6.6 °F	105 °			BTUH
		FANS		12-7-	- ~~	<u></u>	MPRES:				7.0 · F	CIRCUIT			51011
QTY	P∩	WER	FLA/FAN	+-		PE CO	QTY	RLA	1	LRA	AMPS	WATTS	MCA		40D+
1		OW	1			AE-PFV	1	6	- '	36	7 AMPS	WAIIS	8.5		10P‡
LIQU			8 in	SOUNE				REC CAP	ACITY	J.	5 lb	L _I	0.5		15
SUCTI			8 in	WEIGH	_	183 II	<u> </u>	REF CHA		 -	3 lb	+		APPRO	OVALS
NOTES:			V III	44 ETG11	'	T03 II		KLI CH	-NGC	Ш.	טו כ			a (ŲL) ųs	
		mum C	rouit Ames	situ + MA	D 84	ovimue O	ara:	nt Dunkert						a GED IIS	<u> </u>
MCA &	MOP	are for t	rcuit Ampac the condens A/R507/R4	ing unit (ONLY.	Single poir	nt conn	ections WI	LL sho	w diffe	erent on da for all other	taplate. refrigeran	ts		
APPROV	/ED B	Y:										DATE :			
	oval o	f this dr									of the job	specificatio			ge

Bally

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BEZA007H8-HS2D

EZ-LINE SCROLL CONDENSING UNITS-AIR

PURCHASER: SUBMITTED BY: Laura Craig

PROJECT: Buford Middle School SC DATE: 11 Oct 2022

ORDER #: 06338.47502.00469-A00 ITEM #: 1

QUOTE #: Q10EULCA-A ID #:

PURCHASER'S PO #: TAGGING:

SELECTED OPTION DESCRIPTIONS

Liquid Line Filter + Sight Glass - Sealed

Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

Option Packages - Small B (Good@Warm/Moderate)

LLFD+SG

Time Clock - 115V Paragon 8145 Style

115V Defrost timer is time initiated, temperature or pressure terminated with a timed failsafe. Timer is shipped loose in a box for field installation.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

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Order Item No: 1

BEZA007H8-HS2D

EZ-LINE SCROLL CONDENSING UNITS-AIR

DATE: 11 Oct 2022

PROJECT: Buford Middle School SC SUBMITTED BY: Laura Craig

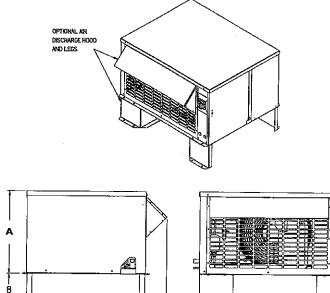
Dimensions shown are for standard unit less

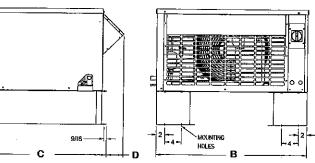
options.

DIMENSIONS						
DIMENSION A	19 3/8 in					
DIMENSION B	24 7/8 in					
DIMENSION C	30 3/8 in					
DIMENSION D	4 in					
DIMENSION E						
DIMENSION F						
DIMENSION G	0 in					
DIMENSION H						

CONNECTIONS					
LIQUID		3/8 in			
SUCTION		5/8 in			
DRAIN					
WATER					
DISCHARGE					
PAN LOOP					
HOT GAS SIDE PORT					
HOT GAS INLET					
HOT GAS OUTLET					
OTH	ER_				
SHIPPING WEIGHT		183 lb			
REFRIGERANT CHAR	GE	3 lb			
RECEIVER CAPACIT	Υ	5 lb			

APPROVALS						
C (ÎF) A2						





AWEF = 7.6 for R404A/R507/R407A/R448A/R449A. Non-compliant DOE NRCAN model for all other refrigerants

9/16

NATIONAL REFRIGERATION AND BLP209MA-S1D AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 LOW PROFILE BRANTFORD, ON CANADA N3T 5Y6 **EVAPORATOR** PURCHASER: SUBMITTED BY: Laura Craig PROJECT: Buford Middle School SC DATE: 11 Oct 2022 ORDER #: 06338.47502.00469-A00 ITEM # : 3 ID #: QUOTE #: Q10EULCA-A PURCHASER'S PO #: TAGGING: MODEL FEATURES 3/8" Tubing coil construction (reduces · Hinged drain pan with central universal ECM with SmartSpeed Technology refrigerant operating charge) drain connection (3/4" drain) High efficiency enhanced copper tube · Factory installed solenoid valve wire · Front access to spacious electrical and and aluminium fin coil design harness header compartments 6 FPI Heavy gauge textured aluminum • Schrader connection on suction header AWEF = 9.0 cabinet construction resists Attractive and durable high density Unit Cooler is AWEF/NRCAN compliant scratches/corrosion polyethylene fan guards Spacious piping end compartment Ultra efficient Electronically R404A/R507/R448A/R449A/R407A/R407 Commutated Motor (ECM) allows for easy assembly С MODEL OPTIONS (* = Shipped Loose) PRE-ASSEMBLED EVAP **EXPANSION VALVE** LIQUID LINE SOLENOID VALVE SmartVap+ with EEV + Solvlv Sporlan TXV Sporlan ī Sporlan TXV, LLSV,T-stat **Dual Voltage Coil 120-230V Field** Sporlan EEV KE2 Evap Efficiency w/Sporlan EEV EEV for SmartVap+ Wired *KE2 Evap Efficiency w/Sporlan EEV **Evaporator Disconnect Switch** Nitrogen Charged and Sealed ROOM THERMOSTATS **EVAPORATOR PRISON PACKAGE** Aux Sideport Connector CABINET FINISH Tamper Proof Screws 1 Mechanical Painted White Export Crating *Mechanical *Johnson A19ABC Stainless Steel COIL COATING SENSORS FOR CPC BOARDS *Johnson A421ABC-02C E-Coat FIN MATERIAL Johnson A421ABC-02 Coil Temp Sensor Return Air Temp Sensor Gold Coat Fins Wire Fan Guards **DEMAND DEFROST ELECTRONIC** REMOTE DEFROST PANEL Copper Fins CONTROLLER **Insulated Drain Pan** *230V Control KE2 Therm Evaporator Efficiency *115V Control **KE2 THERM** *KE2 Therm Evaporator Efficiency **INSTALLATION REQUIREMENTS** *CAT5e Shielded Cable - 50ft **Dual Circuit** w/connectors Minimum slope of 1" per foot on all **ELECTRONIC CONTROLLER** 40' Leads on Sensors + Transducers drain lines KE2 Temp+Defrost Ethernet Adapter Kit 1 P-trap per evap required outside of SmartVap+ Control Board and *Remote Combo Display box Display *Liquid / Suction Heat Exchanger **VOLTAGE** SYSTEM REFRIGERANT AIR FLOW EVAP. TEMP **BOX TEMP** CAPACITY 35 °F 6892 BTUH 115/1/60 R448A 1500 CFM 27.1 °F **HEATERS** CIRCUIT TOTAL **FANS** AMPS QTY **POWER** FLA/FAN TYPE QTY **AMPS** MCA† MOP# WATTS 0.07HP 2 120 2.3 15 1 DISTRIBUTOR APPROVALS 3/8 in SOUND REC CAPACITY SUCTION 7/8 in WEIGHT 70 lb REF CHARGE 1 lb ¢(ՄL)սց NOTES: † MCA.. Minimum Circuit Ampacity, ‡ MOP.. Maximum Overcurrent Protection APPROVED BY: DATE: Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change

made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION AND

BLP209MA-S1D

LOW PROFILE EVADODATOD

CARADA NO STO	EVAPORATOR
PURCHASER:	SUBMITTED BY: Laura Craig
PROJECT : Buford Middle School SC	DATE : 11 Oct 2022
ORDER # : 06338.47502.00469-A00	ITEM # : 3
QUOTE # : Q10EULCA-A	ID#:
PURCHASER'S PO #:	TAGGING:

SELECTED OPTION DESCRIPTIONS

Expansion Valve - Sporlan TXV

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

Installation Requirements - Minimum slope of 1" per foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

Installation Requirements - P-trap per evap required outside of box

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

Liquid Line Solenoid Valve - Sporlan

Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

Pre-assembled Evap - Sporlan TXV, LLSV,T-stat

Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

Room Thermostats - Mechanical

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

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Order Item No: 3

BLP209MA-S1D

LOW PROFILE **EVAPORATOR**

DATE: 11 Oct 2022

PURCHASER:

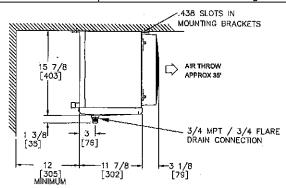
PROJECT : Buford Middle School SC SUBMITTED BY : Laura Craig

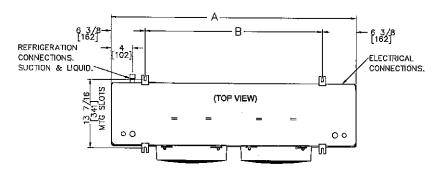
Dimensions shown are for standard unit less options.

DIMEN	SIONS
DIMENSION A	46 1/4 in
DIMENSION B	33 1/4 in
DIMENSION C	
DIMENSION D	
DIMENSION E	
DIMENSION F	
DIMENSION G	0 in
DIMENSION H	

CONNEC	TIONS	
DISTRIBUTOR		3/8 in
SUCTION		7/8 in
DRAIN		3/4 in
WATER		
DISCHARGE		
PAN LOOP		
HOT GAS SIDE PORT		
HOT GAS INLET		
HOT GAS OUTLET		
OTH	ER	
SHIPPING WEIGHT	•	70 lb
REFRIGERANT CHAR	GE	1 lb
RECEIVER CAPACIT	γ	

APPROVALS							
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IOTEC:							





PAGE OF 14

Freezer LOAD CALCULATION





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										100 1101314		The day of a garage of the second of	- decid Lindhouse de Company
Vall Load 2,533 BTUH Infiltration 640 BTUH Products						External RH			55%				
		19			Mis	cellan	eous	814 BTUH					
		BARU TÜÜLER IST MANIF KATVEER IV VETTORE			ecThicago dell'assert	none Schrödung and add	Buartado San darsa ode S	5%	Cha." (Tr. 1894 to 2 to 1	nicures . i		and a standard war of the w	19%
		WA	LL, FLOO	R AND	CEIL	ING LO	ADS						
	Constru	ıction	Thickness (in)	K Fac	ctor	R Value			Dim 1 (ft)		Oim 2 (ft)		
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Ureth			4.000	0.1	.4	28.11			8.30		8.50	51	100
											6.50		
			4.000	0.1	.4	28.11	99.0)	8.30		8.50	71	274
	On Gr	ade	10.000			32.32			15.50				
Ureth	iane, Star			0.1	.4			-					
		VOLUME (ft³)	1,094	}		TOT	TAL WA	LL,	FLOOR	AND) ÇEI	LING LO	AD 2,533
Marija Maraji Marija Maraji	IN	FILTRATION L	OAD : ES	TIMAT	ED B	/ DOOR	SAND	OPE	NINGS				
Door	r or Ope	ning Type	I									Curtain	s Load (BTUH)
	Doo	r	78.	.00	36.0	0 4	5.0	5!	5.0	0.1	.8	None	640
		TOTA	L INFILT	RATIO	ON LO	AD EST	IMATE	D B	Y DOOF	RS A	ND O	PENING	S 640
3.8.9.9	(4) 基件。	拉基 基	· · · (LittleBox and Co Pages)	Business alabate 1800 in	CORP. Com St. Missa Sci.	Specific sections of the		i ji	305 at 150 kg	98°01 9430			
	Туре			_	•				al Tem	pΙ			Load (BTUH)
eral, Mixed I	Products,	Approximation		1,09) 4	0.0	0		-10.0		2	4	196
TAL PROD	OUCT WE	IGHT (lbs)		1,09	94			7	OTAL I	PROI	DUCT	LOAD	196
			MISCEL	LANE	OUS L	OADS							
		Description			Power						(hrs)		Load (BTUH)
					1							439	
		VAPORATOR MOT	ORS			60 W			W				375
			SVSTEM	DEST	N SIII	MMADV			ISCEL	LANE	OUS	LOAD	814
<u>jedo o ogranij</u>	Cofet			2 202111 23334	e de Cale	3,996.285	atomic and a filli-	- 401		36 (Var		ardening	
Safety Factor	Load	(Hours)	Require	ed R	Refrigerant F		Freque	псу	ncy Desig		Lir		Condense Ambient (°F)
10%					R44	8A	60		10)	+	0.5	105
arr d		SY	STEM EQ	UIPME	Note the residence steel	Physical physician and a late	ON 🦂	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					The state of the s
Equipment Type Quantity		Model Nu	mber		<u>-</u>	Des	criptio	n		Voltage			Rating (BTUH)
Condensing Unit 1										r 208-230/1/		30/1/60	6,384
	1	BLP207LE	-S2D			Low Profi	le Evapo	orato	or		208-2	30/1/60	7,189
ADMINISTRATION OF THE PARTY OF	100 (100 (100 (100 (100 (100 (100 (100	telese i ver a l'estables Secrit d'un et l'estables	SYS	тем в	ALAN	CE	Mark W		SK M		- (1980) - (1980)		AND THE PROPERTY OF THE PARTY O
Fan Load (BTUH)			med Marketter	· FOR CASE	而在一种的自己的。在1915年,这些一种基础的人,就是一种基础的一种基础的一种的。				明0年展刊10月展 月	地域的自然是主題的學士。一个			
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	Doo Safety Factor 10%	Constru Constru Urethane, Star Urethane, Star Urethane, Star Urethane, Star On Gr Urethane, Star Insulated Floor - Pa On Gr Urethane, Star And	2,533 BTUH Infiltration 61% Construction Urethane, Standard panels VOLUME (ft³) INFILTRATION LE Door or Opening Type Door TOTA Type eral, Mixed Products, Approximation DTAL PRODUCT WEIGHT (lbs) Pescription LIGHTING EVAPORATOR MOT Safety Factor (BTUH) 10% 4,602 18 SY Type Quantity Model Nu Unit 1 BEZA020L8 F 1 BLP207LE	General Walk-in Freezer	General Walk-in Freezer 10 -10 °F Internal RH 95% 2,533 BTUH Infiltration 640 BTUH 61% 15%	Construction	Continue	Coation Outd Outd	Content Cont	Construction	Construction	General Walk-In Freezer 10 cation Outdoor Warm 10 or Internal RH 95% External Temp 95 °F External Temp 10 or Internal RH 95% External Temp 95 °F External Temp 10 or 10 or Internal RH 95% External Temp 95 °F External Temp 10 or 15% 1	General Walk-In Freezer 10 - 10 °F Internal RH 95% External Temp 95 °F External RH 10 °F Internal RH 95% External Temp 95 °F External RH 10 °F 10 °F Internal RH 95% External Temp 95 °F External RH 10 °F

BEZA020L8-HS2D

PURCHASER: PROJECT: Enford Middle School SC PROJECT: Enford Middle School SC ORDER #: 06338.47502.00469-A00 TEM #: 4 QUOTE #: 06120ELLCA-A DO#: TAGGING: Whelded hermetic Scroll compressor refrigerant operating charge: *Anti-short cycle time delay *Anti-short cycle ti	159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6					EZ-LINE SCROLL CONDENSING UNITS-AIR									
FROJECT : Buford Middle School SC ORDER # : 0.338.47502.00469-A00 FURCHASERY PO # : OUTOTE # : 0.10EULCA		PURCI													
PURCHASEIS PO # : PURCHASEIS PO # : *3/8" Tubling coll construction (reduces refragerant operating charge) *3/8" Adjustable pressure fan cycling control or 2 fan models only *Adjustable pressure fan cycling control clamps *Adjustable pressure fan cycling control clamps *Crankcase heater *Cr					Middle S	School SC									
## Welded hermetic Scroll compressor framework operating charges **ARI-Short cycle time delay **Copper tubling accured with cushion clamps **Carancase heater **Fan Guard **Carancase heater **Initial accuration and fused control circuit **Small (Boods@wimpModerate) **Small (Boods@wimpModerate)		OR	DER	#:06338.4	47502.0	0469-A00			ITEM	# : 4					
**3/8" Tubing coil construction (reduces refrigerant operating charge) **An motors are inherently protected with internal overloads **Apit-short cycle time delay **Apit-short cycle time time time time time time time tim		QU	OTE	# : Q10EUL	.CA-A				ID	#:					
* 3/8" Tubing coil construction (reduces refrigerant potentials) * 3/8" Tubing coil construction (reduces refrigerant potentials) * Anti-short cycle time delay * Anti-short cycle time delay * Anti-short cycle time delay * Adjustable pressure fan cycling control * Adjustable pressure fan cycling control * Copper tubing secured with cushion clamps * Copper tubing secured with cushion clamps * Fan Guard * F	PU							TA	.GGII	NG:					
CONTACTORS 30A Contactor 40A Contactor 40A Contactor 60A Contactor VOLTAGE SYSTEM REFRIGERANT Sealed Replaceable VOLTAGE SYSTEM REFRIGERANT RATING SUCTION TEMP AMBIENT TEMP CAPACI 208-230/1/60 R448A 2Hp -19.5 °F 105 °F 6516 BT FANS COMPRESSOR CIRCUIT TOTAL QTY POWER FLA/FAN TYPE QTY RLA LRA AMPS WATTS MCA† MOF 1 100W 1 ZF07KAE-PFV 1 13.9 75 14.9 18.4 30 LIQUID 3/8 in SOUND - REC CAPACITY 11 lb APPROVA SUCTION 7/8 in WEIGHT 315 lb REF CHARGE 4 lb NOTES: † MCA Minimum Circuit Ampacity, ‡ MOP. Maximum Overcurrent Protection MCA & MOP are for the condensing unit ONLY. Single point connections WILL show different on dataplate. AWEF = 3.1 for R404A/R507/ AWEF = 3.08 for R407A/R448A/R449A. Non-compliant DOE NRCAN model for all	3/8" Tu refrigerar Anti-she Adjusta on 2 fan Copper clamps Crankca Fan Gua Optio Smal Smal Smal Smal Smal Smal Smal S	bing coil control cont	## ASER'S PO # : ## MODEL FEATURES coil construction (reduces perating charge)					rol wit contro ology per tu	h ol be ants						
FANS COMPRESSOR QTY POWER FLA/FAN TYPE QTY RLA LRA AMPS WATTS MCA† MOF 1 100W 1 ZF07KAE-PFV 1 13.9 75 14.9 18.4 30 LIQUID 3/8 in SOUND - REC CAPACITY 11 lb APPROVA SUCTION 7/8 in WEIGHT 315 lb REF CHARGE 4 lb NOTES: † MCA Minimum Circuit Ampacity, ‡ MOP Maximum Overcurrent Protection MCA & MOP are for the condensing unit ONLY. Single point connections WILL show different on dataplate. AWEF = 3.1 for R404A/R507/ AWEF = 3.08 for R407A/R448A/R449A. Non-compliant DOE NRCAN model for all	30A Contactor 40A Contactor 10UID LINE FILTER + SIGHT GLASS 5ealed Replaceable							\CITY							
QTY POWER FLA/FAN TYPE QTY RLA LRA AMPS WATTS MCAT MORE 1 100W 1 ZF07KAE-PFV 1 13.9 75 14.9 18.4 30 LIQUID 3/8 in SOUND - REC CAPACITY 11 lb APPROVA SUCTION 7/8 in WEIGHT 315 lb REF CHARGE 4 lb NOTES: † MCA. Minimum Circuit Ampacity, ‡ MOP. Maximum Overcurrent Protection MCA & MOP are for the condensing unit ONLY. Single point connections WILL show different on dataplate. AWEF = 3.1 for R404A/R507/ AWEF = 3.08 for R407A/R448A/R449A. Non-compliant DOE NRCAN model for all	208-2	30/1/60			R448	BA		2Hp		-1	9.5 °F				втин
1 100W 1 ZF07KAE-PFV 1 13.9 75 14.9 18.4 30 LIQUID 3/8 in SOUND - REC CAPACITY 11 lb APPROVA SUCTION 7/8 in WEIGHT 315 lb REF CHARGE 4 lb NOTES: † MCA Minimum Circuit Ampacity, ‡ MOP Maximum Overcurrent Protection MCA & MOP are for the condensing unit ONLY. Single point connections WILL show different on dataplate. AWEF = 3.1 for R404A/R507/ AWEF = 3.08 for R407A/R448A/R449A. Non-compliant DOE NRCAN model for all							MPRESS	SOR							
LIQUID 3/8 in SOUND - REC CAPACITY 11 lb APPROVA SUCTION 7/8 in WEIGHT 315 lb REF CHARGE 4 lb NOTES: † MCA Minimum Circuit Ampacity, ‡ MOP Maximum Overcurrent Protection MCA & MOP are for the condensing unit ONLY. Single point connections WILL show different on dataplate. AWEF = 3.1 for R404A/R507/ AWEF = 3.08 for R407A/R448A/R449A. Non-compliant DOE NRCAN model for all	QTY	_		FLA/FAN			QTY		_			WATTS			10P‡
SUCTION 7/8 in WEIGHT 315 lb REF CHARGE 4 lb NOTES: † MCA Minimum Circuit Ampacity, ‡ MOP Maximum Overcurrent Protection MCA & MOP are for the condensing unit ONLY. Single point connections WILL show different on dataplate. AWEF = 3.1 for R404A/R507/ AWEF = 3.08 for R407A/R448A/R449A. Non-compliant DOE NRCAN model for all					•	7KAE-PFV	1 1					<u> </u>	18.4		30
NOTES: † MCA Minimum Circuit Ampacity, ‡ MOP Maximum Overcurrent Protection MCA & MOP are for the condensing unit ONLY. Single point connections WILL show different on dataplate. AWEF = 3.1 for R404A/R507/ AWEF = 3.08 for R407A/R448A/R449A. Non-compliant DOE NRCAN model for all										ļ				APPRO	DVALS
other refrigerants.	NOTES: † MCA. MCA & AWEF =	. Minimum MOP are for 3.1 for Re	Circ for th	cuit Ampacity ne condensin	/,	. Maximum Ov NLY. Single poi	ercurrer	nt Protection ections WILL	n _ sho		rent on da		all	c (UL) us	
APPROVED BY: Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.	APPROV Appro		ge												

Bally

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BEZA020L8-HS2D

EZ-LINE SCROLL CONDENSING UNITS-AIR

PURCHASER: SUBMITTED BY: Laura Craig

PROJECT: Buford Middle School SC DATE: 11 Oct 2022

ORDER #: 06338.47502.00469-A00 ITEM #: 4

QUOTE #: Q10EULCA-A ID #:

PURCHASER'S PO #: TAGGING:

SELECTED OPTION DESCRIPTIONS

Electric Defrost Kit - DFK-02

Electric Defrost Kit includes:

Mechanical Time Clock:

Time initiated temperature terminated with a timed failsafe.

Contactors:

Three pole definite purpose, 230V or 115V coil as defined by the control circuit voltage

HtrCont1x 40A

Fuse Blocks:

1x 30A (2P) Class CC

Liquid Line Filter + Sight Glass - Sealed

Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

Option Packages - Small B (Good@Warm/Moderate)

LLFD+SG

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159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

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Order Item No: 4

BEZA020L8-HS2D

EZ-LINE SCROLL CONDENSING UNITS-AIR

DATE : 11 Oct 2022

DATE : 11 OCL 202

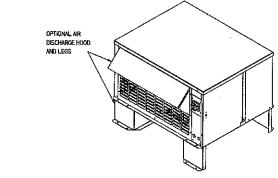
PROJECT : Buford Middle School SC SUBMITTED BY : Laura Craig

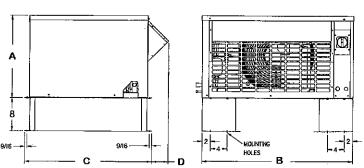
Dimensions shown are for standard unit less

options.						
DIMENSIONS						
DIMENSION A	19 3/8 in					
DIMENSION B	24 7/8 in					
DIMENSION C	30 3/8 in					
DIMENSION D	4 in					
DIMENSION E						
DIMENSION F						
DIMENSION G	0 in					
DIMENSION H						

CONNECTIONS				
LIQUID		3/8 in		
SUCTION		7/8 in		
DRAIN				
WATER				
DISCHARGE				
PAN LOOP				
HOT GAS SIDE PORT				
HOT GAS INLET				
HOT GAS OUTLET]			
отн	ER			
SHIPPING WEIGHT	•	315 lb		
REFRIGERANT CHAR	GE	4 lb		
RECEIVER CAPACIT	γ	11 lb		

APPROVALS						
c (UL) us						
INTES:						





AWEF = 3.1 for R404A/R507/ AWEF = 3.08 for R407A/R448A/R449A. Non-compliant DOE NRCAN model for all other refrigerants

PAGE 11 OF 14

NATIONAL REFRIGERATION AND **BLP207LE-S2D Bally** AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 LOW PROFILE BRANTFORD, ON CANADA N3T 5Y6 **EVAPORATOR** SUBMITTED BY : Laura Craig PURCHASER: PROJECT: Buford Middle School SC DATE: 11 Oct 2022 ORDER #: 06338.47502.00469-A00 ITEM # : 5 QUOTE #: Q10EULCA-A ID#: PURCHASER'S PO # : TAGGING: **MODEL FEATURES** • 3/8" Tubing coil construction (reduces · Hinged drain pan with central universal · Ultra efficient Electronically refrigerant operating charge) drain connection (3/4" drain) Commutated Motor (ECM) · Factory installed solenoid valve wire · Front access to spacious electrical and ECM with SmartSpeed Technology harness header compartments · High efficiency enhanced copper tube Heavy gauge textured aluminum cabinet and aluminium fin coil design · Schrader connection on suction header construction resists scratches/corrosion · Attractive and durable high density • 6 FPI Spacious piping end compartment allows polyethylene fan guards Unit Cooler is AWEF/NRCAN compliant for easy assembly with R404A/R507/R448A/R449A/R407A MODEL OPTIONS (* = Shipped Loose) PRE-ASSEMBLED EVAP **ELECTRONIC CONTROLLER** LIQUID LINE SOLENOID VALVE SmartVap+ with EEV + Solvly SmartVap+ Control Board and 1 Sporlan Sporlan TXV, LLSV, T-stat 1 Display Dual Voltage Coil 120-230V Field **EXPANSION VALVE** KE2 Evap Efficiency w/Sporlan TXV Wired KE2 Evap Efficiency w/Sporlan EEV 1 Sporlan TXV Nitrogen Charged and Sealed *KE2 Evap Efficiency w/Sporlan TXV Sporlan EEV ROOM THERMOSTATS *KE2 Evap Efficiency w/Sporlan EEV EEV for SmartVap+ Mechanical 1 **Aux Sideport Connector EVAPORATOR PRISON PACKAGE** *Mechanical **CABINET FINISH** Tamper Proof Screws *Johnson A19ABC Painted White **Export Crating** *Johnson A421ABC-02C COIL COATING Stainless Steel Johnson A421ABC-02 SENSORS FOR CPC BOARDS E-Coat Wire Fan Guards Coil Temp Sensor FIN MATERIAL REMOTE DEFROST PANEL Return Air Temp Sensor Gold Coat Fins *230V Control **DEMAND DEFROST ELECTRONIC** Copper Fins *115V Control CONTROLLER Insulated Drain Pan INSTALLATION REQUIREMENTS KE2 Adaptive Control **KE2 THERM** Minimum slope of 1" per foot on all *KE2 Adaptive Control *CAT5e Shielded Cable - 50ft drain lines KE2 Therm Evaporator Efficiency w/connectors P-trap per evap required outside of *KE2 Therm Evaporator Efficiency 40' Leads on Sensors + Transducers 1 Insulated drain line requires heat -**Dual Circuit** Ethernet Adapter Kit *Remote Combo Display 20W/ft *Liquid / Suction Heat Exchanger SYSTEM REFRIGERANT VOLTAGE AIR FLOW EVAP. TEMP **BOX TEMP** CAPACITY R448A 208-230/1/60 1500 CFM -10 °F 6516 BTUH -19 °F FANS **HEATERS** CIRCUIT TOTAL QTY **POWER** FLA/FAN TYPE QTY AMPS AMPS WATTS MCA† MOP# 2 0.07HP 1.2 120 1.4 15 DEFROST HTRS 1890 8.2 10.3 15 DISTRIBUTOR 3/8 in SOUND REC CAPACITY APPROVALS SUCTION 7/8 in WEIGHT 76 lb 1 lb REF CHARGE ISF ը(Մ)րց NOTES: † MCA.. Minimum Circuit Ampacity, ‡ MOP.. Maximum Overcurrent Protection

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

APPROVED BY :

DATE:



159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BLP207LE-S2D

LOW PROFILE EVAPORATOR

PURCHASER: SUBMITTED BY: Laura Craig

PROJECT: Buford Middle School SC DATE: 11 Oct 2022

ORDER #: 06338.47502.00469-A00 ITEM #: 5

QUOTE #: Q10EULCA-A ID #:

PURCHASER'S PO #: TAGGING:

SELECTED OPTION DESCRIPTIONS

Expansion Valve - Sporlan TXV

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

<u>Installation Requirements - Insulated drain line</u> <u>requires heat - 20W/ft</u>

Freezer condensate drain lines must be insulated and heated with a minimum of 20 watts per foot.

Installation Requirements - Minimum slope of 1" per foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

<u>Installation Requirements - P-trap per evap required</u> outside of box

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

Liquid Line Solenoid Valve - Sporlan

Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

Pre-assembled Evap - Sporlan TXV, LLSV,T-stat

Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

Room Thermostats - Mechanical

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

Order Item No: 5

BLP207LE-S2D

LOW PROFILE EVAPORATOR

DATE: 11 Oct 2022

PURCHASER:

PROJECT: Buford Middle School SC

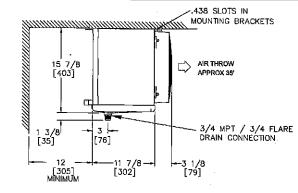
SUBMITTED BY : Laura Craig

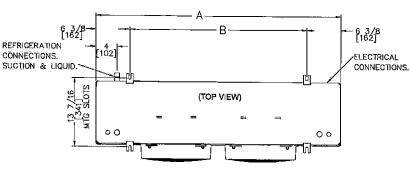
Dimensions shown are for standard unit less

options.						
DIMENSIONS						
DIMENSION A	46 1/4 in					
DIMENSION B	33 1/4 in					
DIMENSION C						
DIMENSION D						
DIMENSION E						
DIMENSION F						
DIMENSION G	0 in					
DIMENSION H						

CONNEC	TIONS	
DISTRIBUTOR		3/8 in
SUCTION		7/8 in
DRAIN		3/4 in
WATER		
DISCHARGE		
PAN LOOP		
HOT GAS SIDE PORT		
HOT GAS INLET		
HOT GAS OUTLET		
OTH	ER	
SHIPPING WEIGHT	•	76 lb
REFRIGERANT CHARGE		1 lb
RECEIVER CAPACIT	Y	

APPROVALS						
c (UL) us	HSF					
VOTES:						





PAGE 14 OF 14

Attachment A-2 - Revised



Specifications

09/16/2022

SWANSON-GIRARD

CULINARY SOLUTIONS

Project

From

Buford Middle- Lancaster County Swanson-Girard & Assoc.

- -

School

Becky Jersey 10420 Southern Loop Blvd.

Pineville, NC 28134

(704)521-8811

(888)521-0778 0000 (Contact)

(704)521-8801 (Fax)

bjersey@swanson-girard.com

The following discounts have been applied to this quotation. No additional discounts can be taken off the net price shown.

To ensure all discounts are applied correctly when ordering please send **ALL ORDERS** to Swanson-Girard. Email: orders@swanson-girard.com or Fax: 704-521-8801

For Tracking information please either reach out to SGA office or Autoquotes Order Status.

ITEM Cooler - SHELVING, WITH METAL FRAME (4 REQ'D)

Metro Model PR2442NK3 Dimensions: 42(w) x 24(d)

4 ea

Super Erecta Pro™ Shelf, 42"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, builtin Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

4 ea Model PR2448NK3 Super Erecta Pro™ Shelf, 48"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

Model PR2454NK3 Super Erecta Pro™ Shelf, 54"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

12 ea Model 74PK3 Super Erecta® SiteSelect™ Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection

1 ea Model H22336PD Metro Row Tie™ Duppage Pack, 23" x 26" x 13"H, eletted, with separate

1 ea Model HP2236PD Metro Bow-Tie™ Dunnage Rack, 22" x 36" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF

ITEM Freezer - SHELVING, WITH METAL FRAME (16 REQ'D)

Metro Model PR2460NK3 Dimensions: 60(w) x 24(d)

Super Erecta Pro™ Shelf, 60"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

8 ea Model PR2454NK3 Super Erecta Pro™ Shelf, 54"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

24 ea Model 74PK3 Super Erecta® SiteSelect™ Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal





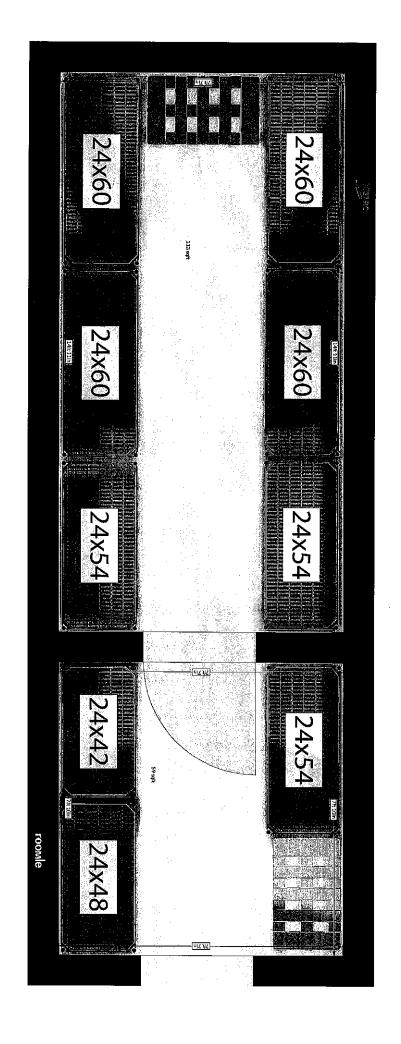
Buford Middle-Lancaster County

1 ea

3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection Model HP2236PD Metro Bow-Tie™ Dunnage Rack, 22" x 36" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF

This quotation is based on our understanding of the information provided to us. While we make every effort to ensure that the quote is correct, IT IS ULTIMATELY THE CUSTOMER'S RESPONSBILITY TO CHECK THE QUOTE FOR ERRORS. We are not responsible for this quotation meeting your requirements based on incorrect information. Please check our quotation carefully. Anything not listed will not be furnished. All items are quoted as each unless otherwise shown.







Quote No:

2760-002-R03-LC

Last Update:

10/12/2022

Revisor:

Laura Craig

To:

All Bidders

Attn:

Item No:

Job Name: Date:

10/12/2022

Clinton Elementary School Lancaster SC PVD:

10/3/2022

From:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Box Shape

Indoor Structure

NSF APPROVED



Bally Prefabricated Exterior Dimensions:

7'-9"(1) x 6'-9½"(w) x 8'-6"(h)

1 Compartments 1 Tiers

With Floor 4" Floor

Ceiling: Single Span

Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Floor, 4 in. Ceiling

Details on Following Page(s)

NOTE: Freight shown is an estimate based on current published rates. A fuel surcharge will be added and changes continuously.

Walk-in Price:

Refrigeration Price:

Total Price (FOB Plant)

(Less Refrig. Warranties): Estimated Freight:

Optional Warranties:

(not included in Total Price)

(1) 02 HP System (5 yr. Parts, 1 yr. Labor)

Payment terms and conditions are available upon request.

This quotation was based on information supplied to us which may or may not have been complete. Customer is responsible for reviewing this quotation for exclusions, deviations, and any improper information supplied to us.

Signature:	
	Laura Craig
Date:	

We are not responsible for the selection or recommendation of the panel finish for any building or walk-in application.

NOTE: Quoting Bally standard specifications, sizes, and finishes.

This quotation is good through 11/26/2022

Act of 2007 (Public Law 110-140) Title III; Section 312, regarding Walk-In Coolers and Walk-In Freezers.



Quote No:

2760-002-R03-LC

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To: All Bidders

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Clinton Elementary School Lancaster SC Job Name: Date:

10/12/2022

PVD: 10/3/2022

From:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Indoor Structure

NSF APPROVED

Bally Prefabricated Exterior Dimensions:

7'-9"(1) x 6'-9½"(w) x 8'-6"(h)

1 Compartments 1 Tiers

With Floor 4" Floor

Ceiling: Single Span

Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Floor, 4 in. Ceiling

Details and specifications for Quote No:

2760-002-R03-LC

Comments:

Base Finish

Vertical and Ceiling Panels: Embossed Galvalume (26 GA)

Special Finishes:

Interior Floor - Aluminum Treadplate .125" Thick

Doors/Openings:

Wall 1 Door 1

(1) 36" x 78" Hinged Door In a 46"

Wall 1 Door 1

(1) 57 1/2" Door Section

Wall 1 Door 1 Wall 1 Door 1 (1) Bally Standard Pressure Relief Port (< 400 sq/ft)

Wall 1 Door 1

(1) Ext. Alum Diam/Tread Ramp (30-36" Door) (1) Strip Curtain (36" Door and Under)

Wall 1 Door 1

(1) Super Door 36" Wide and Under, 30" High

Accessories and Extras:

(1) 48" LED KEIL 48x754-CL-N Light

- 40° F to 100° F(Range)

Floor Options:

(56) S/F 1/2" Plywood Foamed in Panel

Refrigeration:

(1) BEZA 020 L8 HT3D (208-230/3/60) w/ smart speed

Includes defrost contactor for 1 Evap.

(1) BLP207LE-S2D 208-230/1/60

2 Fan 7160 BTU/h

(1) Refrigeration is calculated for standard use at a box temperature of

-10° F. with a condensing unit ambient of 105° F.

Estimated Shipping:

Weight: 2,320.70

Destination:

Lancaster, SC, 29720



Ouote No:

2760-002-R03-LC

Last Update: Revisor:

To:

10/12/2022

Laura Craig

All Bidders

Attn:

Item No:

Job Name:

Date:

Clinton Elementary School Lancaster SC

10/12/2022

PVD:

10/3/2022

From: Laura Craig

> Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Deviations (Alternates, Remarks, Clarifications, Etc.):

Quoting Bally Standard Pre-assembled Remote Refrigeration.

Bally Floor Panels are capable of supporting up to 800 lbs. Per Sq/Ft uniformly distributed stationary loading. Bally does not recommend the use rolling loads of heavy carts, pallet jacks or fork lifts on top of the floors. Warranty for floors subjected to this type of use would not be covered by Bally.

Exclusions (Items Not Supplied by Bally):

V	Shelving, Racks, Interior Accessories	₫	Caulking and Sealants
	Labor on Warranties		Refrigeration Systems
V	Alarm Systems	☑	Refrigeration Accessories
V	Supervision	V	Closure Panel and Trim
✓	Tubing, Wiring for Rfg. Equipment	Ø	Sleeves, Penetrations, Escutcheon Plate
₹	Compressor Rack	☑	Floor Insulation and Vapor Barrier

Cancelled Orders: Cancelled unshipped standard walk-ins will be charged a 30% restocking fee plus the cost of special panels. Cancelled refrigeration systems will be charged a 30% restocking fee and the cost of any freight accrued. Buy-out items will be charged a 25% restocking fee plus any freight

Agency Ratings: Bally units comply or surpass applicable Flame Spread-25, UL, UL 723, & NSF standards in a manner conforming to ASTM E-84, and Factory Mutual standards.

Quotation Limitations: This quotation was based upon the specifications given to Bally which may possibly be incomplete. Bally is not responsible for items missing from the quotation due to incomplete or excluded items in the specifications received from the customer. The customer is responsible for reviewing the quotation for omissions or deviations from the specifications given to Bally. All portions of the quotation are subject to revision upon receipt of detailed specifications or if changes are made following the delivery of the original quotation. Quotations expire on the date indicated on Pagel of the Quote. Approval drawings must be returned within 60 days of receipt of the purchase order. The order must ship within the agreed upon time frames or current lead times, but no later than 7 months. Any deviations to this quotation (dimensions or specification changes) will require

Panel Construction: Bally Panels are manufactured with environmentally friendly HFC 245-FA polyurethane foam. This polyurethane foam offers the highest thermal insulation value and the most energy efficiency per cubic inch in comparison to similar foams. It has a zero Ozone Depletion Potential (ODP) and a low Global Warming Potential (GWP). It is not considered a Volatile Organic Compound (VOC) in the US. Standard 4" Bally panels meet the 2009 Federal Energy Standards.

Refrigerants: Unless otherwise specified, refrigeration systems are quoted with environmentally friendly HFO R448A refrigerant. It has a Low Global Warming Potential (GWP) and the EPA lists it as an acceptable substitute for R404A and other high GWP refrigerants.

Automatic Door Closers: Bally includes automatic door closers and spring loaded hinges on all doors 42" wide and smaller as a standard feature with no additional charge that meet the 2009 Federal Energy Standards.

Motors: Bally units are quoted with EC and PSC motors in compliance with federal energy standards, for increased energy savings.

Lighting: Bally units are quoted with lighting in compliance with federal Energy Standards for increased energy savings.

Optional Features: Bally offers additional optional energy-saving features such as Walk-In Alarm & Light Management systems that comply or surpass the 2009 Federal energy regulations.



Quote No: Item No:

Job Name:

2760-002-R03-LC

Last Update:

10/12/2022

Revisor:

Laura Craig

To:

Attn:

All Bidders

Date:

Clinton Elementary School Lancaster SC 10/12/2022

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Swanson-Girard & Associates 10420 Southern Loop Blvd

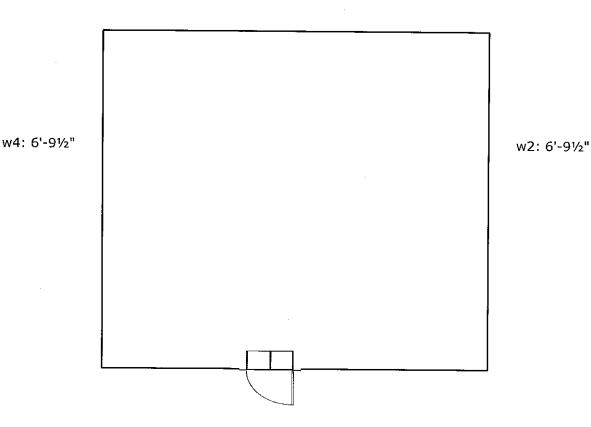
Pineville, NC 28134

Phone:

Fax: (704)521-8801

This drawing is for reference purposes only and it not intended to be a formal scale model.

w3: 7'-9"



w1: 7'-9"

DOOR 1: Wall1 36" x 78" Hinged Door In a 46" Centered Hinge: Right Orientaion: Regular





i Mil	Light Control	di Seria. Vicalisi ca J		COOLI	NG RE	QUIR	EMENTS					500-31	A ZWW		
Application	Gene	ral Walk-in	periodic di salata di sa	Location Indoor					gan an in the manners that the second years in the second profession of the second second second second second						
Internal Tem	р	10 ºF	Internal RH	959	%	Exte	rnal Temp)	85 °F		External RH			55%	
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. To all out a meaning on decorporate	an	35%	Name of the second of the seco	489		erwal tou saide	confidence and control of the second	ntarnistici Sietaris - Sa	2%	orden consu	18 - 100000	už. Wytorska stole	alarten Salar, A Thompson out	15%	
			WA	LL, FLO	OR AN	D CEI	LING LO	2000/8800/8989-	長期						
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Right End	U		andard panels	4.000	0.	14	28.57	85.		6.90		8.50	39		
			or	1.000			15.00	85.0		3.00		6.50	20		
Front			ndard panels	4.000		14	28.57	85.		7.80		8.50	66 59		
Left End			andard panels	4.000	0.	14	28.57	85.	<u> </u>	6.90	<u> </u>	8.50	59		
Floor		On G		10.000		31	32.32			7.80		6.90	54		
Ceiling	l u	rethane, Sta	andard panels	4.000	0.	14	28.57	85.	_	7.80		6.90	54		
			VOLUME (ft ³)	457			то	TAL W	ALL,	FLOOI	RANI	CEI	LING LC	AD 1,320	
			NFILTRATION L	OAD : E	STIMA	TED E	BY DOOR	S AND	OPE	NING	S .				
Quantity	D	oor or Op	ening Type		eight (in)	Wid (ii		nal Temp (°F)		nal Rh %)	Open (hr		Curtain	s Load (BTUH)	
1		Do	or	7	8.00	36.	00 8	35.0	5.	5.0	0.1	.8	None	1,830	
			TOT	AL INFI	LTRAT	ON L	OAD EST	IMATE	D B	Y DOO	RS A	ND C	PENING	is 1,830	
	· 李蒙 " 张	Are Francis	triis fict	PI	RODUC	T LO	ADS	San Air	634 0505	14.7		SWA		Voltais autoriti	
	1.15k (At +予数	Туре		Norther London	We	ight b)	Enter (°	•	Fin	al Ten	np		Down rs)	Load (BTUH)	
Ge	neral. Mix	ed Products	, Approximation			57	0.			-10.0			4	82	
			(EIGHT (lbs)		4!	57			٦	TOTAL	PRO	DUC	LOAD	82	
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Quantity			Description				Powe			Units			Time rs)	Load (BTUH)	
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2			EVAPORATOR MO	rors			6	0		W		2	22	375	
								тот	AL N	4ISCE	LLAN	EOU5	LOAD	559	
支持衛 基本系		The Age		SYSTE	M DESI	GN S	UMMARY				A Charles	2.00 名。2.33			
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						1ENT	SELECTI	ON 4	NA.		12131				
Equipment Type Quantity Model Nu			umber	ımber			Description				Vo	oltage	Rating (BTUH)		
Condensing		1	BEZA020L			EZ-Li		e Scroll, Condensing Units-Air					230/3/60		
Evaporator 1 BLP207LE				E-S2D			Low Profile, Evaporator					208-230/1/60			
				S)	/STEM	BALA	NCE			的基础的 和自分数	和數學模型 加數學與			3. 《 糖道》	
Fan L	oad (BTl	JH)	Suction T						(°F))	System Capacity (BTUH)				
			-19	3.5		1		9			1		6,516		

155 469 PAGE 1 OF 7

BEZA020L8-HT3D

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6						EZ-LINE SCROLL CONDENSING UNITS-AIR							
PURCHASER:							SUBMITTED BY: Laura Craig						
	DJECT ; Clinton I	lementary	School Lan	caster S	sc	000111			1 Oct 202				
ORE	ER # : 06339	.41918.	00469-A	00			ITEM	#:1					
QUO	TE # : Q11E L	JLCB				ID # :							
PURCHASER'S	PO #:					T,	AGGII	VG:			•		
• 3/8" Tubing coil co	nstruction (red	uces	• Fan mot			EATURES							
 3/8" Tubing coil construction (reduces refrigerant operating charge) Anti-short cycle time delay Adjustable pressure fan cycling control on 2 fan models only Copper tubing secured with cushion clamps Crankcase heater Fan Guard Fan motors are inherer internal overloads Pre-formed piping Receiver with fusible poff valve Suction Service valve Adjustable flooded her (unless otherwise indication of the compressor contactor are internal overloads Pre-formed piping Receiver with fusible poff valve Suction Service valve Units are shipped with charge Weatherproof electrication compressor contactor are circuit 							 Adjustable low pressure control with flex hose / fixed high pressure control ECM with SmartSpeed Technology High efficiency enhanced copper tube and aluminium fin coil design Compatible with Low GWP Refrigerants Outdoor weatherproof pre-painted steed al control box with 						
					NS (*	= Shipped	Loo	se) _					
OPTION PACKAGES Small B (Good@War Small N (Better@War Small P (Best@Warr Small D (Good@Mor Small J (Better@Mor Small J (Sest@Mor Separate High/Low: BALL VALVE *Liquid Line Liquid Line Liquid Line Liquid Line Suction Line Suction Line Compressor Circuit I CONDENSING UNIT Tamper Proof Screw Crankcase Pressure CONTACTORS 30A Contactor 40A Contactor 60A Contactor	SE W/KE2 EVAP EFF) Up to 30A per Evap SSA to 50A per Evap Over 50A per 50A pe					LIQUID L. **Standa **Standa **Standa **Standa OIL SEPA' With Oil One Time Oversized 6-Lead (Pump Dov QuickVac Receiver J Single Poi Sub Coolibi SUCTION With Het Without SUCTION Sealed T Replaces TIME CLO Paragon *230V P **115V P Wind Gua	iduid Line Lock-Out Relay IQUID LINE SOLENOID VALVE *Standard 230V Coil *Standard 115V Coil IXL SEPARATOR With Oil Filter and Solenoid One Time Pump Down Oversized Receiver PHASE / VOLTAGE MONITOR 3-Lead 6-Lead (MotorSaver455) Oump Down Toggle Switch PuickVac Valves Leceiver Inlet Ball Valve Lingle Point Electrical Lind Cooling Circuit LIUCTION ACCUMULATOR With Heat Exchanger Without Heat Exchanger SUCTION FILTER Sealed Type Replaceable Core IME CLOCK Paragon 8145 Style *230V Paragon 8145 Style *115V Paragon 8145 Style Vind Guard Less Flooding Valve(s)						
VOLTAGE	1 01		D. C. C. L. L.			D. 4 577.4 LC	. 1			T			
VOLTAGE	SYS		RIGERAN	1		RATING			ION TEMP	AMBIENT			CITY
208-230/3/60	<u> </u>	R44	<u>o</u> A	CO	MDDEC	2Hp		-1	9.5 °F	105 °			BTUH
FANS			COMPRES				LDA	ANADO	CIRCUIT			400±	
QTY POWER	FLA/FAN	7-	TYPE		QTY	RLA		LRA	AMPS	WATTS	MCA		10P#
1 100W	7/9 in		D7KAE-T	ro	1	8.6		58	9.6		11.		20
	LIQUID 3/8 in SOUND - SUCTION 7/8 in WEIGHT 315		- 315 It	<u> </u>	REC CAPACITY REF CHARGE			11 lb 4 lb	— A		APPK(OVALS	
									c (V) us				
APPROVED BY :										DATE :			
Approval of this	drawing significan by any perso												ge

Bally

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BEZA020L8-HT3D

EZ-LINE SCROLL
CONDENSING UNITS-AIR

 PURCHASER:
 SUBMITTED BY:
 Laura Craig

 PROJECT:
 Clinton Elementary School Lancaster SC
 DATE:
 11 Oct 2022

 ORDER #:
 06339.41918.00469-A00
 ITEM #:
 1

 QUOTE #:
 Q11EULCB
 ID #:

 PURCHASER'S PO #:
 TAGGING:

SELECTED OPTION DESCRIPTIONS

Electric Defrost Kit - DFK-02

Electric Defrost Kit includes:

Mechanical Time Clock:

Time initiated temperature terminated with a timed failsafe.

Contactors:

Three pole definite purpose, 230V or 115V coil as defined by the control circuit voltage HtrCont1x 40A

Fuse Blocks:

1x 30A (2P) Class CC

Liquid Line Filter + Sight Glass - Sealed

Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

Option Packages - Small B (Good@Warm/Moderate)

LLFD+SG

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

Order Item No: 1

BEZA020L8-HT3D

EZ-LINE SCROLL
CONDENSING UNITS-AIR

DATE : 11 Oct 2022

PURCHASER :

PROJECT : Clinton Elementary School Lancaster SC

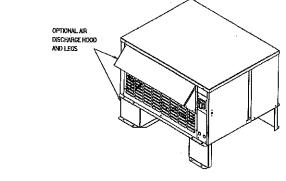
SUBMITTED BY : Laura Craig

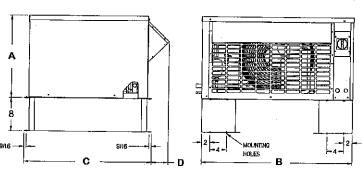
Dimensions shown are for standard unit less options.

	115.
DIMENS	IONS
DIMENSION A	19 3/8 in
DIMENSION B	24 7/8 in
DIMENSION C	30 3/8 in
DIMENSION D	4 in
DIMENSION E	
DIMENSION F	
DIMENSION G	0 in
DIMENSION H	

CONNECTIONS							
LIQUID		3/8 in					
SUCTION	7/8 in						
DRAIN							
WATER							
DISCHARGE							
PAN LOOP							
HOT GAS SIDE PORT							
HOT GAS INLET							
HOT GAS OUTLET							
OTHER							
SHIPPING WEIGHT		315 lb					
REFRIGERANT CHAR	GE	4 lb					
RECEIVER CAPACIT	Υ	11 lb					

	APPRO	OVALS	
c (UL) us			





NOTES:

AWEF = 3.1 for R404A/R507/ AWEF = 3.08 for R407A/R448A/R449A. Non-compliant DOE NRCAN model for all other refrigerants

BLP207LE-S2D

BCIIY 159 BRAI CANA		LOW PROFILE EVAPORATOR										
PURCHAS		SUBMITTED BY: Laura Craig										
		ary School Lancaster SC		DATE : 11 Oct 2022								
ORDER	# : 06339.4191	8.00469-A00		IT	EM # : 2							
QUOTE	# : Q11EULCB			ID #:								
PURCHASER'S PC	#:	<u> </u>			GING:							
• 3/8" Tubing coil construeringerant operating cha • Factory installed solend harness • Heavy gauge textured construction resists scrat • Spacious piping end confor easy assembly PRE-ASSEMBLED SmartVap+ with E Sporlan TXV, LLSV KE2 Evap Efficience *KE2 Evap	rge) id valve wire aluminum cabinet ches/corrosion mpartment allows EVAP EEV + Solvlv /,T-stat cy w/Sporlan TXV cy w/Sporlan EEV nector C BOARDS Gensor T ELECTRONIC trol ntrol rator Efficiency orator Efficiency		with ce 3/4" dra pacious ents tion on irable huards (*=:CONTR Control E tVap+ PRISC S Screws G L S Senson pter Kitnbo Distion He	entral university selectrical assuction healigh density Shipped Local and Shipped Local and ON PACKAGE ble - 50ft s + Transd assignment in the selectrical and	GE Cucers	commutate. ECM with High effici nd alumini 6 FPI Unit Coole vith R404Ay LIQUID 1 Sporla Dual Vo Wired Nitroge ROOM 1 Mecha *Mech *Johnso Johnso Wire Fa REMOTI *230V *115V INSTAL Minimudarain 1 P-trap box	n Charged THERMOSTA nical anical son A19ABC son A421ABC on Guards E DEFROST Control Control LATION RE LIM Slope of ines per evap re	M) I Techniced coplesign IRCAN (A/R449) ENOID 120-23 ANTS C-02C -02 PANE EQUIRI 1" per equired e requi	compliant A/R407 VALVI BOV Field A/R407 EMENT foot on outside	nt 7A Eeld eld		
208-230/1/60		R448A		L500 CFM		19 °F	-10 °		6516			
FANS		0.00	ATERS				CIRCUIT	TOTAL				
QTY POWER	FLA/FAN		YΤς	AMPS		AMPS	WATTS	MCA	t M	OP#		
2 0.07HP	0.6					1.2	120	1.4		15		
		DEFROST HTRS		8.2			1890	10.3		15		
	8 in SOL			EC CAPACI					APPRO	VALS		
	8 in WEI	GHT 76 lb	F	REF CHARG	E	1 lb						
NOTES: † MCA Minimum Ci	rcuit Ampacity, ‡	MOP Maximum Overd	current	Protection					ε∰us	USF		
APPROVED BY: DATE:												
Approval of this dr made hereon	awing signifies tha by any person wh	at the equipment is according to a component to a	ceptable cceptar	e under the nce by NAT	provisio IONAL RE	n of the job FRIGERAT	specification ION at its ho	ons. An	/ chang ice.	je		

Bally

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BLP207LE-S2D

LOW PROFILE EVAPORATOR

PURCHASER: SUBMITTED BY: Laura Craig

PROJECT: Clinton Elementary School Lancaster SC

ORDER #: 06339.41918.00469-A00

ITEM #: 2

QUOTE #: Q11EULCB

PURCHASER'S PO #:

TAGGING:

SELECTED OPTION DESCRIPTIONS

Expansion Valve - Sportan TXV

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

Installation Requirements - Insulated drain line requires heat - 20W/ft

Freezer condensate drain lines must be insulated and heated with a minimum of 20 watts per foot.

<u>Installation Requirements - Minimum slope of 1" per</u> <u>foot on all drain lines</u>

Bally recommends a minimum slope of 1" per foot on all drain lines.

Installation Requirements - P-trap per evap required outside of box

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

Liquid Line Solenoid Valve - Sporlan

Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

Pre-assembled Evap - Sporlan TXV, LLSV, T-stat

Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

Room Thermostats - Mechanical

Single stage temperature control with Single-Pole,
Double-Throw (SPDT) mechanical switch. May be Johnson A19
or equal, Operating range of -30°F to +100°F. Adjustable
differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office. Order Item No: 2

BLP207LE-S2D

LOW PROFILE

EVAPORATOR DATE: 11 Oct 2022

PURCHASER:

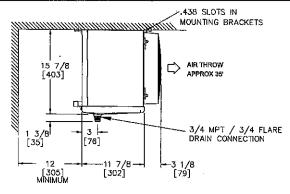
PROJECT : Clinton Elementary School Lancaster SC

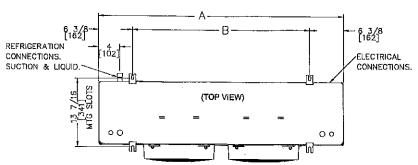
SUBMITTED BY : Laura Craig

Dimensions shown are for standard unit less							
optio	ns.						
DIMENS	SIONS						
DIMENSION A	46 1/4 in						
DIMENSION B	33 1/4 in						
DIMENSION C							
DIMENSION D							
DIMENSION E							
DIMENSION F							
DIMENSION G	0 in						
DIMENSION H							

CONNECTIONS				
DISTRIBUTOR	3/8 in			
SUCTION	7/8 in			
DRAIN	3/4 in			
WATER				
DISCHARGE				
PAN LOOP				
HOT GAS SIDE PORT				
HOT GAS INLET				
HOT GAS OUTLET				
ОТН	ER			
SHIPPING WEIGHT	76 lb			
REFRIGERANT CHAR	GE 1 lb			
RECEIVER CAPACIT	Y			

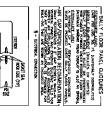
APPROVALS							
NOTES:							





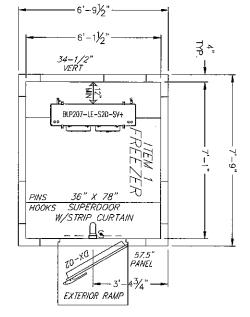
PAGE OF







-> DO NOT USE THIS DRAWING FOR INSTALLATION! THIS DRAWING IS TO BE USED FOR APPROVAL ONLY". A FINALIZED "AS-BUILT" DRAWING.



PLAZ WEIV Щ

SCALE: 1/2" = 1' - 0"

RESILVATION PRIM LINES WAST OF MOTION OF LINES WASTED WASHARD WAS AND TRAFFED WASHADLALY, BY ORDERS WASLAND DAY.

REFRIGERATION - BY BALLY (CONDENSING UNIT MOUNTED OUTDOORS)

H/P RECT MODEL NUMBER

DOORS/ACCESSORIES

- (INTERIOR) 1/8" ALUMINUM DT W/ 1/2" PLYWOOD UNDERLAY - (EXTERIOR) EMBOSSED GALVALUME

- (1) 36" X 78" RIGHT SHING HINGED WALK-IN DOOR - SUPERDOOR: JRD HINGE, DT INT & EXT 30"H - PRP - STRIP CURTAIN

STRIP CURTAIN
 EXTERIOR RAMP

FLOOR FINISH

EXTERIOR FINISH

- EMBOSSED GALVALUME

INTERIOR FINISH

- EMBOSSED GALVALUME

INSULA TION

POURED IN-PLACE POLYURETHANE FOAM
BALLY PANELS AND BOORS ARE CERTIFIED COMPLIANT
WITH CURRENT FEDERAL DOE REGULATIONS FOR WALK
COOLERS & FREEZERS

≷

BALLY PANELS AND DOORS EXCEED MINIAUM R-VALUES* FOR COOLERS (MINIAUM R-25, EXCLUDING FLOORS), AND FREEZERS (MINIAUM, R-23, EXCEPT ELOPAS, WHICH REAR MIN. R-28) *WHEN TESTED PER ASM, C518 TO FEDERAL REG. 431.304

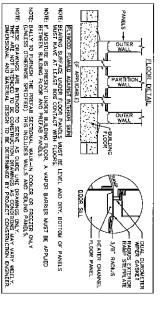
INSTALLA TION

7'-9" X 6'-9 1/2" X 8'-6"

SPECIFICA TIONS

Attachment B-2 - Revised

- INDOOR - LOADING HEIGHT - AT LEAST 18" OF OPEN SPACE MUST BE MAINTAINED BETMEEN TOP OF PRODUCT AND CEILING PANELS



GENERAL NOTES NOTE: BALLY TO FURNISH (1) 48" L.E.D. LIGHTS, LIGHTS SHIPPED LOOSE AND MOUNTED AND WIRED BY OTHERS, (LIGHT SWITCH (12) AMPS MAX).

SMARTVAP+ REFRICERATION REQUIRES TWO SEPARATE POWER SOURCES: ONE TO THE CONDENSING UNIT AND ONE TO THE SMARTVAP+ EVAPORATOR.

36" X 78" SUPERDOOR -**6** THE PURCHE TER

THRU ENTRANCE D DOOR

EXTERIOR

35%".

SCALE: $3/8^{\circ} = 1^{\circ} - 0^{\circ}$ SHEET 2 OF 2

ΥВ DATE REFRICERA NED BOXES INC. FOR CLINTON ELEMENTARY SCHOOL SEALY (PA DEFOE)

TO LITTLE ANNE PONES

ON HORD HEAD ST. (SUITE 8)

HOLEH LOS IN HOLE SEALY FAN 1950A

PAGE 1257) 240—2829

FAN: (257) LANCASTER, SC NUMBER 2760

SIGNED PLEASE READ APPROVAL

THE DRAWNE AND ALL UPCOMATION SHOWN HEREON ARE THE EXCLUSIVE PROPERTY NO. ARE SUBMITTED HONES INC. ARE SUBMITTED HONES INC. ARE SUBMITTED HONE ON THE REPOBLICE INC. THE RECEIVED THE RECEIVED TO REPOBLICE INC. THE DRAWNE HEREON MINISTER OF THE INCOMINATION SHOWN HEREON MINISTED HONE INCOMINATION SHOWN HEREON MINISTED HONE INCOMINATION SHOWN HEREON WITHOUT FROM SALLY REFRIGERATED HONES.

RESTRICTED, CONFIDENTIAL DOCUMENT.

SIGNED DATE

NOTE - THIS ORDER WILL NOT BE SCHEDULED FOR PRODUCTION UNTIL RECEIPT OF APPROVED DRAWNCS BY BALLY. THIS DRAWING HAS BEEN CAREFULLY CHECKED BY OUR DRAFTING BEPARTIKENT. HOWEVER, ERRORS OF INTERPRETATION CAN OCCUR. THEMESORE, BEFORE YOU RETURN DRAWING MARKED "APPROVED", BE CERTAIN THAT YOU CHECK THEM CAREFULLY.

DESCRIPTION

IMPORTANT — PLEASE READ

THESE BRANNESS ARE NOT TO BE CONSIDERED AS APPROVED BY LOCAL ON STATE BUILDING AUTHORITIES.

THEY MAKE RELIES FROM THE CONSIDERED AS APPROVED BY LOCAL ON STATE BUILDING AUTHORITIES.

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Item

Qty

Description

Freezer 16 ea Shelving, with Metal Frame

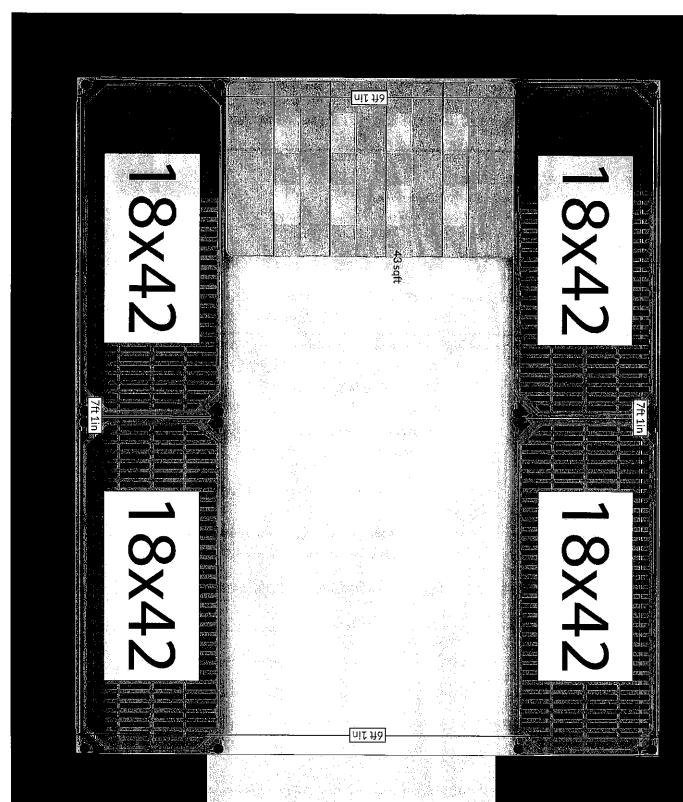


Metro PR1842NK3 (270.8 lbs total. Class: 70. Cube: 16.85. Packed: 1 ea)

Super Erecta Pro™ Shelf, 42"W x 18"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

16 ea; 74PK3 Super Erecta® SiteSelect™ Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection

1 ea; HP2236PD Metro Bow-Tie™ Dunnage Rack, 22" x 36" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF





Quote No: Item No:

2759-001-R05-LC

Last Update: Revisor:

10/12/2022

Laura Craig

To: All Bidders Job Name:

Erwin Elementary

Date:

10/12/2022

PVD:

10/3/2022

From:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Attn:

Box Shape

Outdoor Stand Alone

NSF APPROVED



Bally Prefabricated Exterior Dimensions:

24'-01/2"(I) x 11'-7"(w) x 8'-6"(h)

With Floor 4" Floor 2 Compartments 1 Tiers

Ceiling: Single Span

Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

Details on Following Page(s)

NOTE: Freight shown is an estimate based on current published rates. A fuel surcharge will be added and changes continuously.

Walk-in Price:

Refrigeration Price:

(Less Refrig. Warranties): Total Price (FOB Plant)

Estimated Freight:

Optional Warranties:

(not included in Total Price)

(1) 00 3/4 HP System (5 yr. Parts, 1 yr. Labor)

(1) 04.5 HP Complete (5 Yr, Parts Warranty)

Optional Accessories:

(not included in Total Price)

(1) Locking Bar with Tamperproof Screws

Payment terms and conditions are available upon request.

This quotation was based on information supplied to us which may or may not have been complete. Customer is responsible for reviewing this quotation for exclusions, deviations, and any improper information supplied to us.

Signature: Date: _

We are not responsible for the selection or recommendation of the panel finish for any building or walk-in application.

NOTE: Quoting Bally standard specifications, sizes, and finishes.

This quotation is good through 11/26/2022

Act of 2007 (Public Law 110-140) Title III; Section 312, regarding Walk-In Coolers and Walk-In Freezers.

Version 2.8.25



Quote No: Item No: 2759-001-R05-LC

Last Update: Revisor:

To:

10/12/2022 Laura Craig

All Bidders

Attn:

Job Name: Date: Erwin Elementary 10/12/2022

PVD: 10/3/2022

From:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Outdoor Stand Alone

NSF APPROVED

Bally Prefabricated Exterior Dimensions:

24'-01/2"(I) x 11'-7"(w) x 8'-6"(h)

2 Compartments 1 Tiers

With Floor 4" Floor

Ceiling: Single Span

Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

Details and specifications for Quote No:

2759-001-R05-LC

Comments:

Base Finish

Vertical and Ceiling Panels: Embossed Galvalume (26 GA)

Special Finishes:

Exterior Door - Embossed Tan

Exterior Door Frame - Embossed Tan

Exterior Floor - Embossed Tan

Interior Floor - Aluminum Treadplate .125" Thick

Wall 1 - Exterior Verticals - Embossed Tan

Wall 2 - Exterior Verticals - Embossed Tan

Wall 3 - Exterior Verticals - Embossed Tan

Wall 4 - Exterior Verticals - Embossed Tan

Doors/Openings:

Wall 1 Door 1 (1) 36" x 78" Hinged Door In a 46"

Wall 1 Door 1 (1) Ext.Alum Diam/Tread Ramp (30-36" Door)

Wall 1 Door 1 (1) Strip Curtain (36" Door and Under)

Wall 1 Door 1 (1) Super Door 36" Wide and Under, 30" High

Wall 1 Door 2 (1) 36" x 78" Hinged Door In a 46"

Wall 1 Door 2 (1) Bally Standard Pressure Relief Port (< 400 sq/ft)

Wall 1 Door 2 (1) Ext. Alum Diam/Tread Ramp (30-36" Door)

Wall 1 Door 2 (1) Strip Curtain (36" Door and Under)

Wall 1 Door 2 (1) Super Door 36" Wide and Under, 30" High

Accessories and Extras:

Version 2.8.25 Page 2 of 5



Quote No: Item No:

2759-001-R05-LC

Last Update: Revisor:

10/12/2022 Laura Craig

To:

All Bidders

Job Name: Date:

Erwin Elementary

10/12/2022

10/3/2022

From:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

PVD:

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Attn:

(4) 48" LED KEIL 48x754-CL-N Light

- 40° F to 100° F(Range)

(74) L/F REB(Reinforced Exterior Bottom)'s

(300) S/F Outdoor Membrane Roof

40 mil standard

(300) S/F Tapered Insul 1/8" on 12"

(64) Shear Plates (Galvanized)

(1) The loads are 20 Lbs psf live and 114 Mph RC II Wind. The customer must verify that the loads shown on this quote comply with local building codes.

(8) WA-3 Wall Anchor Outside Vertical 4"

(30) WA-4 Wall Anchor Outside Corner 4"

Floor Options:

(300) S/F 1/2" Plywood Foamed in Panel

Refrigeration:

(1) BEZA 007 H8 HT3DB (208-230/3/60) w/ smart speed

Scroll Unit 7190 BTU

(1) BEZA 045 L8 HT3DN (208-230/3/60)

Includes: Suction Accumulator

(1) BLP107-MA-S1D 115/1/60

1 Fan 7000 BTU/h

(1) BLP316LE-S2D 208-230/1/60

3 Fan 16200 BTU/h

(1) Refrigeration is calculated for standard use at a box temperature of 35° F. for the cooler and -10° F. for the freezer with a condensing unit ambient of 105° F.

(1) The refrigeration is calculated for a line run of less 50 ft.

(1) Time Clock 8145 (shipped loose) 115/1/60

Estimated Shipping:

Weight:

8,456.66

Destination: Lancaster, SC, 297**



Quote No: Item No: 2759-001-R05-LC

Last Update: Revisor: 10/12/2022

Laura Craig

To: All Bidders

Attn:

Job Name: Date: Erwin Elementary 10/12/2022

PVD:

10/3/2022

From:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Deviations (Alternates, Remarks, Clarifications, Etc.):

Bally Floor Panels are capable of supporting up to 800 lbs. Per Sq/Ft uniformly distributed stationary loading. Bally does not recommend the use rolling loads of heavy carts, pallet jacks or fork lifts on top of the floors. Warranty for floors subjected to this type of use would not be covered by Bally.

Quoting Bally Standard Pre-Assembled Remote Refrigeration

Exclusions	(Itoms	Not Sur	mlied h	Rally).
LACTIONS	4001110	1 400 97887	pull of	LIULLY).

☑ Shelving, Racks, Interior Accessories
 ☑ Labor on Warranties
 ☑ Alarm Systems
 ☑ Supervision
 ☑ Caulking and Sealants
 ☑ Refrigeration Systems
 ☑ Refrigeration Accessories
 ☑ Closure Panel and Trim

 $ot \ \$ Tubing, Wiring for Rfg. Equipment

oxdiv Sleeves, Penetrations, Escutcheon Plates

☑ Compressor Rack

☑ Floor Insulation and Vapor Barrier

Cancelled Orders: Cancelled unshipped standard walk-ins will be charged a 30% restocking fee plus the cost of special panels. Cancelled refrigeration systems will be charged a 30% restocking fee and the cost of any freight accrued. Buy-out items will be charged a 25% restocking fee plus any freight accrued.

Agency Ratings: Bally units comply or surpass applicable Flame Spread-25, UL, UL 723, & NSF standards in a manner conforming to ASTM E-84, and Factory Mutual standards.

Quotation Limitations: This quotation was based upon the specifications given to Bally which may possibly be incomplete. Bally is not responsible for items missing from the quotation due to incomplete or excluded items in the specifications received from the customer. The customer is responsible for reviewing the quotation for omissions or deviations from the specifications given to Bally. All portions of the quotation are subject to revision upon receipt of detailed specifications or if changes are made following the delivery of the original quotation. Quotations expire on the date indicated on Page1 of the Quote. Approval drawings must be returned within 60 days of receipt of the purchase order. The order must ship within the agreed upon time frames or current lead times, but no later than 7 months. Any deviations to this quotation (dimensions or specification changes) will require updated pricing.

Panel Construction: Bally Panels are manufactured with environmentally friendly HFC 245-FA polyurethane foam. This polyurethane foam offers the highest thermal insulation value and the most energy efficiency per cubic inch in comparison to similar foams. It has a zero Ozone Depletion Potential (ODP) and a low Global Warming Potential (GWP). It is not considered a Volatile Organic Compound (VOC) in the US. Standard 4" Bally panels meet the 2009 Federal Energy Standards.

Refrigerants: Unless otherwise specified, refrigeration systems are quoted with environmentally friendly HFO R448A refrigerant. It has a Low Global Warming Potential (GWP) and the EPA lists it as an acceptable substitute for R404A and other high GWP refrigerants.

Automatic Door Closers: Bally includes automatic door closers and spring loaded hinges on all doors 42" wide and smaller as a standard feature with no additional charge that meet the 2009 Federal Energy Standards.

Motors: Bally units are quoted with EC and PSC motors in compliance with federal energy standards, for increased energy savings.

Lighting: Bally units are quoted with lighting in compliance with federal Energy Standards for increased energy savings.

Optional Features: Bally offers additional optional energy-saving features such as Walk-In Alarm & Light Management systems that comply or surpass the 2009 Federal energy regulations.

Version 2.8.25 Page 4 of 5



Quote No:

2759-001-R05-LC

Last Update: Revisor:

To:

10/12/2022

Laura Craig

All Bidders

Attn:

Item No:

Job Name: Erwin Elementary

Date:

10/12/2022

10/3/2022

From:

Laura Craig

Swanson-Girard & Associates

PVD:

10420 Southern Loop Blvd

Pineville, NC 28134

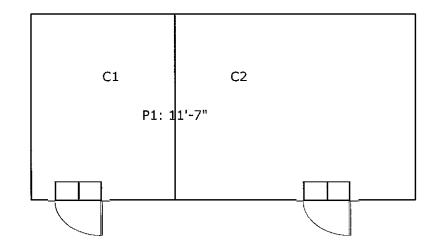
Phone:

Fax: (704)521-8801

This drawing is for reference purposes only and it not intended to be a formal scale model.

w3: 24'-01/2"

w4: 11'-7"



w2: 11'-7"

w1: 24'-01/2"

DOOR 1: Wall1 36" \times 78" Hinged Door In a 46" Offset:4'-6" Hinge:Right Orientaion:Regular DOOR 2: Wall1 36" \times 78" Hinged Door In a 46" Offset:20'-0" Hinge:Right Orientaion:Regular PARTITION 1: Wall 1 Offset:9'-0" from wall 4 Connect

> Page 5 of 5 Version 2.8.25

Erwin Elementary Cooler LOAD CALCULATION





				COOLIN	IG REQI	UIREM	IENTS					Mag			類点 グラ
Application		eral Walk-ir				Loca	ation	Outd	oor \	Warm			agendant programme and a	g ga na an galigini, da da	
Internal Te		35 °F	Internal RH	84%		Externa	al Temp		95 0	F	Ext	External RH		H 55%	
Wall Loa	d 1	,091 BTUH	Infiltration	1,306 BT		Proc	lucts	55	50 BT	TUH T	Misc	ellan	eous	549	BTUH
The second second second second	duborope / etucoriete	31%	nasa nendanninan e vo son com curana di Gharacara	37%		Indian at the Tan	h		16%	6					16%
	THE PURPLE		WA	LL, FLOO	epidentalismo on prage-	CEILI	NG LO	ADS							
Section		Constr		Thickness (in)	K Fac	tor R	Value	Ext Te (°F)		Dim : (ft)		im 2 (ft)		ea t²)	Load (BTUH)
Rear			indard panels	4.000	0.14		28.11	35.0		11.58	3	3.50	9	8	
Right En	#		indard panels	4.000	0.14		28.11	99.0		8.71	_	3.50		55	124
Fuent			or	4.000		_	15.00	99.0		3.00		5.50		20	83
Front Left End	 -		indard panels	4.000	0.14		28.11	99.0		11.58		3.50	_	8	224
Leit Enu			indard panels anels On Concrete	4.000	0.14	1 2	28.11	99.0)	8.71	'	3.50	7	4	169
Floor	IIIsu	On G	rade	10.000	0.31		32.32			11.58		3.71		01	244
Ceiling		Urethane, Sta		4.000	0.14	1 2	28.11	104.		11.58		3.71		D1	248
			VOLUME (ft ³)									CEI	LING L	OAD.	1,091
	TOTAL	. 20c 55 FL	NFILTRATION L	OAD : ES	TIMATE	D BY	DOORS	S AND	OPE	NING	5				A SECTION
Quantity		Door or Op	ening Type	Hei (iı		Width (in)		ial Temp °F)		nal Rh %)	Open T (hrs		Curtai	ns (Load (BTUH)
_ 1		Do	or	78.	.00	36.00	9	9.0	55	5.0	0.18	3	None		1,306
			TOTA	L INFILT	RATIO	N LOA	D EST	IMATE	D B\	/ D00	RS AN	ID O	PENIN	GS	1,306
			の中に製作し 表現である。 記載といる。	one a tripaga kolifika virus	DDUCT	Self-confederation	o Newson Const.			A Filed	a sapp				海路 化
		Туре			Weigl (lb)		Enter 1 oF			al Tem (°F)	рР	ull C (h)	own		oad TUH)
G	eneral, M	ixed Products	, Approximation		1,715		45.			35.0		2	-,		550
	TOTAL I	PRODUCT W	EIGHT (lbs)		1,71!	5			Т	OTAL	PROD		LOAD		550
				MISCEL	LANEO	us Lo	ADS	建设			不可是	强			
Quantity			Description	•			Pow	er	ι	Units	F	un ' (hi	Time 's)	_	.oad TUH)
			LIGHTING				1			W/ft²		24		<u> </u>	344
11			EVAPORATOR MOT	ORS			60			W		2	4		205
1888 (1888) - 1880) 18	Stany or vice		symple valge to see for a subsemple film of a see	dali- Oscarsii maace Os	Antolisko Corton	e a un des essilles	67 v. Svitneličkov viv	TOTA	AL M	ISCEL	LANE	ous	LOAD		549
pur hi	Mari A	19.14 (A.14)	西洋山田田田山本())。 。 1952年2月16日,2	SYSTEM	the property and the second	N SUM	MARY	福品	M. 1	A E	J. A.		が開発され		
Design Load (BTUH)	Safe Fact	' 100	d Run Time	Capacit Require (BTUH	ed Re	efriger	ant F	Line reque) (Hz)	ncy	Desig	jn TD F)	ľ	ne Loss (°F)	A	ndenser nbient (°F)
3,496	10%			5,769		R448/	X	60		10).1		0.5	+	105
	e Tologo de Servicio. Empleo de Servicio de Lordon	大 · · · · · · · · · · · · · · · · · · ·	SY	STEM EQ	UIPME	NT SEI	LECTIO		17 - N	is Section		00.70(p) 12.00	04 - 101 - 1 SP4 - 194 8 - 2	1021131	
Equipmen	t Type	Quantity	Model Nu	mber	Table Mr. L. (MR.)		Desc	criptio	n	- o a prografija	Carlotte Asserting A	Vo	itage		ating BTUH)
Condensir	g Unit	1	BEZA007H8	B-HT3D	E.	Z-Line	Scroll C	ondensi	ing U	nits-Air	- 2	08-2	30/3/60		6,591
Evapor	ator	1	BLP107MA					e Evapo					/1/60		7,106
rys si		Para Sanar		SYS	TEM BA	LANC	E S		1 1000		Appropriate the		74 - 34 F		n yerren
Fan	Load (B1	TUH)	Suction Te	mp (°F)		E۱	/aporat	or TD	(OF)	- 4 - 4 9 A 475 P.	Cv	ctem	Capac	itv (R	TUH)
								,			34	3 CC 11	Cupuc	,	

1

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020

BEZA007H8-HT3D

BRANTFORD, ON						EZ-LINE S	CROLL UNITS-A	r D		
CANADA N3T 5Y6 PURCHASER:			SUBMITT	FD B		ura Craig	UNITIONAL	LK		
PROJECT : Erwin Eleme	entary		30011111			Oct 2022	2			
	ORDER # : 06339.36374.00469-A00				ITEM # : 1					
QUOTE # : Q11EULCA-					ID #:					
PURCHASER'S PO # :			TAG	GIN	G :		-			
	MODE	L FE/	ATURES							
 3/8" Tubing coll construction (reduces refrigerant operating charge) Anti-short cycle time delay Adjustable pressure fan cycling control on 2 fan models only Copper tubing secured with cushion clamps Crankcase heater Discharge line temperature sensor Fan Guard 		g valve ed head ndicat I with	ug and liquid d pressure co ed) Helium holdin control box v	shut ntrol g vith	• / fle • [• } an • (Adjustable x hose / fi ECM with S High efficie d aluminiu Compatible	metic Scro low pressu xed high pr martSpeed ncy enhan m fin coil of with Low eatherproo	ire cont ressure d Techn ced cop design GWP Re	rol wit contro ology oper tu	th ol be ants
OPTION PACKAGES 1 Small B (Good@Warm/Moderate) Small N (Better@Warm/Moderate) Small P (Best@Warm/Moderate) Small D (Good@Moderate/Cold) Small J (Better@Moderate/Cold) Small Q (Best@Moderate/Cold) Small Q (Best@Moderate/Cold) Small R Small H 115V Control Circuit ADJUSTABLE PRESSURE CONTROLS Johnson Dual with flex hose Separate High/Low Separate High/Low: MAN Reset on HP BALL VALVE *Liquid Line Liquid Line Liquid Line Suction Line Suction Line CAPACITY CONTROL - HOT GAS BYPASS To Inlet of Evaporator To Suction Line Compressor Circuit Breaker CONDENSING UNIT PRISON PACKAGE Tamper Proof Screws Crankcase Pressure Regulator CONTACTORS 30A Contactor 40A Contactor 60A Contactor	Weatherproof electrical control box with compressor contactor and fused control					:				
	REFRIGERANT		RATING			ON TEMP	AMBIENT			ACITY
	R448A	DD = =	0.7Hp		2	5 °F	105			BTUH
FANS		PRESS			D.A.	AMDC	CIRCUIT			MOD+
QTY POWER FLA/FAN		QTY	RLA		RA	AMPS	WATTS	MCA	'	MOP#
1 100W 1	ZB06KAE-TF5	1	4.8		7.8	5.8 5 lb	<u> </u>	7	A DDD	15 OVALS
LIQUID 3/8 in SOU SUCTION 5/8 in WEI			REC CAPAC			3 lb			AFFK	UVALS
SUCTION 5/8 in WEI	OIII 103 ID		NET CHARG	<u> </u>		J 10			e (A)	1
† MCA Minimum Circuit Ampacity, ‡ I	MOD Mavimum Over	CHEE	nt Drotection							
MCA & MOP are for the condensing un					v diffe	rent on da	taplate			
AWEF = 7.6 for R404A/R507/R407A/R4								nts		-
,	,						_			
APPROVED BY :						,	DATE :			4
Approval of this drawing signifies tha made hereon by any person wh										ige

Bally

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BEZA007H8-HT3D

EZ-LINE SCROLL CONDENSING UNITS-AIR

 PURCHASER:
 SUBMITTED BY:
 Laura Craig

 PROJECT:
 Erwin Elementary
 DATE:
 11 Oct 2022

 ORDER #:
 06339,36374,00469-A00
 ITEM #:
 1

 QUOTE #:
 Q11EULCA-A
 ID #:
 TAGGING:

 PURCHASER'S PO #:
 TAGGING:

SELECTED OPTION DESCRIPTIONS

Liquid Line Filter + Sight Glass - Sealed

Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

<u>Option Packages - Small B (Good@Warm/Moderate)</u> LLFD+SG

Time Clock - 115V Paragon 8145 Style

115V Defrost timer is time initiated, temperature or pressure terminated with a timed failsafe. Timer is shipped loose in a box for field installation.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

Order Item No: 1

BEZA007H8-HT3D

EZ-LINE SCROLL CONDENSING UNITS-AIR

DATE: 11 Oct 2022 PURCHASER:

PROJECT : Erwin Elementary

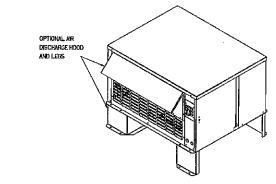
SUBMITTED BY : Laura Craig

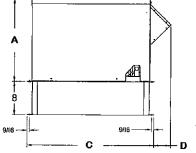
Dimensions shown are for standard unit less

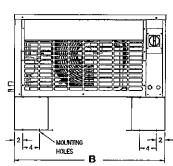
opuons.					
DIMENS	ION5				
DIMENSION A	19 3/8 in				
DIMENSION B	24 7/8 in				
DIMENSION C	30 3/8 in				
DIMENSION D	4 in				
DIMENSION E					
DIMENSION F					
DIMENSION G	0 in				
DIMENSION H					

CONNECTIONS					
LIQUID	3/8 in				
SUCTION	5/8 in				
DRAIN					
WATER					
DISCHARGE					
PAN LOOP					
HOT GAS SIDE PORT					
HOT GAS INLET					
HOT GAS OUTLET	· ·				
OTH	ER				
SHIPPING WEIGHT	T 183 lb				
REFRIGERANT CHAR	GE 3 lb				
RECEIVER CAPACIT	Y 5 lb				

APPROVALS							
c (UL) us							







AWEF = 7.6 for R404A/R507/R407A/R448A/R449A. Non-compliant DOE NRCAN model for all other refrigerants

NATIONAL REFRIGERATION AND BLP107MA-S1D **Bally** AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 **LOW PROFILE** BRANTFORD, ON CANADA N3T 5Y6 **EVAPORATOR** PURCHASER: SUBMITTED BY: Laura Craig DATE : 11 Oct 2022 PROJECT: Erwin Elementary ORDER #: 06339.36374.00469-A00 ITEM #: 3 QUOTE #: Q11EULCA-A ID #: PURCHASER'S PO #: TAGGING: MODEL FEATURES 3/8" Tubing coil construction (reduces Hinged drain pan with central universal ECM with SmartSpeed Technology refrigerant operating charge) drain connection (3/4" drain) · High efficiency enhanced copper tube Factory installed solenoid valve wire • Front access to spacious electrical and and aluminium fin coil design harness header compartments 6 FPI Heavy gauge textured aluminum · Schrader connection on suction header • AWEF = 9.0 cabinet construction resists · Attractive and durable high density • Unit Cooler is AWEF/NRCAN compliant polyethylene fan guards scratches/corrosion Spacious piping end compartment · Ultra efficient Electronically R404A/R507/R448A/R449A/R407A/R407 allows for easy assembly Commutated Motor (ECM) MODEL OPTIONS (* = Shipped Loose) PRE-ASSEMBLED EVAP **EXPANSION VALVE** LIQUID LINE SOLENOID VALVE SmartVap+ with EEV + SolvIv Sporlan TXV Sporlan Sporlan TXV, LLSV,T-stat 1 Sporlan EEV Dual Voltage Coil 120-230V Field KE2 Evap Efficiency w/Sporlan EEV EEV for SmartVap+ Wired *KE2 Evap Efficiency w/Sporlan EEV **Evaporator Disconnect Switch** Nitrogen Charged and Sealed **Aux Sideport Connector** ROOM THERMOSTATS **EVAPORATOR PRISON PACKAGE CABINET FINISH** Mechanical Tamper Proof Screws Painted White **Export Crating** *Mechanical *Johnson A19ABC Stainless Steel **COIL COATING** *Johnson A421ABC-02C **SENSORS FOR CPC BOARDS** E-Coat Coil Temp Sensor FIN MATERIAL Johnson A421ABC-02 Return Air Temp Sensor Gold Coat Fins Wire Fan Guards **DEMAND DEFROST ELECTRONIC** REMOTE DEFROST PANEL Copper Fins CONTROLLER Insulated Drain Pan *230V Control KE2 Therm Evaporator Efficiency *115V Control **KE2 THERM** *KE2 Therm Evaporator Efficiency INSTALLATION REQUIREMENTS *CAT5e Shielded Cable - 50ft Minimum slope of 1" per foot on all **Dual Circuit** w/connectors **ELECTRONIC CONTROLLER** 40' Leads on Sensors + Transducers drain lines KE2 Temp+Defrost 1 Ethernet Adapter Kit P-trap per evap required outside of SmartVap+ Control Board and *Remote Combo Display box Display *Liquid / Suction Heat Exchanger **VOLTAGE** SYSTEM REFRIGERANT AIR FLOW EVAP. TEMP BOX TEMP CAPACITY 115/1/60 R448A 680 CFM 25.5 °F 35 °F 6672 BTUH **FANS HEATERS** CIRCUIT TOTAL **POWER** FLA/FAN TYPE QTY QTY AMPS **AMPS** WATTS MCA† MOP‡ 0.07HP 1 1 60 1.3 1 15 DISTRIBUTOR 3/8 in SOUND _ REC CAPACITY **APPROVALS** SUCTION WEIGHT 48 lb 5/8 in REF CHARGE 1 lb :(ŲL)us Œ NOTES: † MCA., Minimum Circuit Ampacity, ‡ MOP., Maximum Overcurrent Protection

APPROVED BY:

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

DATE:

Bally

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BLP107MA-S1D

LOW PROFILE EVAPORATOR

PURCHASER: SUBMITTED BY: Laura Craig

PROJECT: Erwin Elementary DATE: 11 Oct 2022

ORDER #: 06339.36374.00469-A00 ITEM #: 3

QUOTE #: Q11EULCA-A ID #:

PURCHASER'S PO #: TAGGING:

SELECTED OPTION DESCRIPTIONS

Expansion Valve - Sporlan TXV

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

Installation Requirements - Minimum slope of 1" per foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

<u>Installation Requirements - P-trap per evap required</u> <u>outside of box</u>

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

Liquid Line Solenoid Valve - Sporlan

Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

Pre-assembled Evap - Sporlan TXV, LLSV,T-stat

Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

Room Thermostats - Mechanical

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

Order Item No: 3

BLP107MA-S1D

LOW PROFILE EVAPORATOR DATE: 11 Oct 2022

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

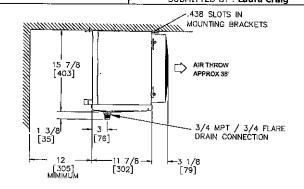
PURCHASER: PROJECT : Erwin Elementary
SUBMITTED BY : Laura Craig

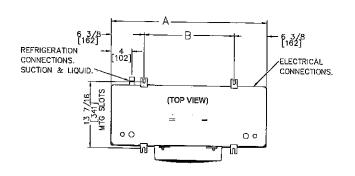
Dimensions shown are for standard unit less

	15.
DIMENS	IONS
DIMENSION A	30 1/4 in
DIMENSION B	17 1/4 in
DIMENSION C	
DIMENSION D	
DIMENSION E	
DIMENSION F	
DIMENSION G	0 in
DIMENSION H	

CONNECTIONS					
DISTRIBUTOR		3/8 in			
SUCTION		5/8 in			
DRAIN		3/4 in			
WATER	L				
DISCHARGE					
PAN LOOP					
HOT GAS SIDE PORT					
HOT GAS INLET	_				
HOT GAS OUTLET					
ОТН	ER				
SHIPPING WEIGHT		48 lb			
REFRIGERANT CHARGE		1 lb			
RECEIVER CAPACIT	Υ				

	APPR	OVALS	
c (UL) us	JSF		
NOTES:			





PAGE OF 14

Erwin Elementary Freezer LOAD CALCULATION





Application	Gener	al Walk-in F	reezer	e de la como del grapo de la g	an en en an en	Location	Outdoor	Warm	A STATE OF STREET, SALES	a Norvadá Indo	400 (400 (400 HEAD (100) 140 HEAD (100)	
Internal Temp	_	LO OF	Internal RH						External RH	1	55%	
Wall Load		9 BTUH	Infiltration	3.070 B1		External Temp Products		-			172 BTUH	
11411 2000		11%	211111111111111111	40%			49				15%	
		· 数七十四期等	- WA	LL. FLOO	R AND CE	TLING LC	ADS			is 1887	多名为编	
	源・277年 線 ■	0.5%(6Y)\$E33		(を)にいる。この他で作	SC 71 CH 1 285800	per in graphe of the		Dim 1	Dim 2	Area	Load	
Section		Constru	ction	Thickness (in)	K Factor	R Value	(°F)	(ft)	(ft)	(ft²)	(BTUH	
Rear	ar Urethane, Standard panels		4.000	0.14	28.11	99.0	15.42	8.50	131	508		
Right End			4.000	0.14	28.11	99.0	11.58	8.50	98	382		
Front		ethane, Stan		4.000	0.14	28.11	99.0	15.42	8.50	112	433	
		Door	1			15.00	99.0	3.00	6.50	20	141	
Left End	Ure	ethane, Stan	dard panels	4.000	0.14	28.11	45.0	11.58	8.50	98	193	
Floor	Insulate		nels On Concrete	10.000	0.31	32.32		15.42	11.58	179	699	
	<u> </u>	On Gra					<u> </u>					
Ceiling	Ur	ethane, Stan		4.000	0.14	28.11	104.0	15.42	11.58	179	724	
			VOLUME (ft3)	1,518		TO	TAL WALL,	FLOOR A	AND CEILIN	G LOA	D 3,079	
		I	NFILTRATION	LOAD : E	STIMATE	BY VOL	UME AND I	JSAGE	Maria S. B. S.	To the second	電点 おお	
	In	ternal Tem	予想整計開始開始的提供用度的學習不是	・ 内閣の経済を通ります。	ternal Te	(1) (1) (2) (2) (2) (2) (3) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4	cternal Rh	All And The Special Conference of the Conference	ntilation	56103719046219	Load	
Box Usage	• -""	(°F) (%)		(°F)		""5 "2	(%)				(BTUH)	
Regular		-10	95		95		55				3.070	
		- 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	aust automotion un en en	S PD	ODUCT LO	ADS	高牌 数程 致	第137 图3	Large Subsets (GARS)	da Martin	"孙子" "好要	
		A C C C C C C C C C C C C C C C C C C C	ESTERNIS CARTERAGE	1 - 4 SOM 3 N	가면 하다 보다 보다. 기계를 하다 보다	1628 - 1994 - 1994 (N	Temp Fir	າal Temp	Pull Dow		Load	
		Type		ļ			F)	ıaı remp (°F)	np Pull Down (hrs)		(BTUH)	
Gen	oral Mive	d Producte	Approximation	1,518			.0	-10.0	24	- +	272	
			• •		1,518			TOTAL PRO		<u> </u>	272	
II.	JIAL PK	ODUCT WE	IGHT (lbs)	e me constant and a selection	5 (101 (201 (201 (201 (201 (201 (201 (201		Fire Control	TOTAL PI	RODUCI LO	40 2666-2666	Magnetia at the Control of the Control	
		がい語り かい記録なる		MISCE	LLANEOUS	LOADS		Company of the compan				
Overstitus			Description		Powe			er Units		2	Load	
Quantity			•			PU	wei		(hrs)		(BTUH)	
			LIGHTING				1	W/ft²	24		609	
3		E	VAPORATOR MOT	ORS		(0	W	22		563	
							TOTAL	MISCELL	ANEOUS LO	AD	1,172	
a de la companya de		7 97 45 BMS		SYSTEM	DESIGN S	IIMMARY		SPECIAL CO	THE PROPERTY OF THE PARTY OF TH	P. A. P. S.		
The Committee of the Co	阿拉姆 高海山	Cofot		o grandamanan e	(必用機能の関係をより、79	es pulpipas () () () ()	Line	3-99333500 -			Condense	
Design Load	Safety	Safet Load	' Pith Time	Capaci Requir		igerant	Frequency	, Design		oss ˈ	Ambient	
(BTUH)	Factor	(BTUH	/ HAUITE }	(BTUE		igeranic	(Hz)	(°F)) (°F))	(°F)	
7,593	10%	8,353		11,13		448A	60	10	0,5	-	105	
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	836 N 19 07 H	2011 Nov. 1985 11.899					ON	NAME AND A STATE OF	Marine Committee		30000	
valida (b. 1871)	1-54234 <u>4</u>		Con Charles and Control		Mar Sparry V.	twicter State		Portography (Ser	nti ingawa kata		chost seek	
Equipment Type Quantity Model No					scription		Voltag		Rating (BTUH)			
		BEZA045L8		EZ-		Condensing		208-230/3	,	12,860		
Evaporator 1 BLP316LE						21 - 22 - 25 - 21 15/2000 Graph	file Evaporat	or	208-230/1	/60	16,274	
				SYS	TEM BAL	ANCE					TANKET !	
Fan Lo	ad (BTU	H)	Suction Te	emp (°F)		Evapor	ator TD (°F) [System Ca	pacity	(BTUH)	
			-18	7			8.2		4.	3,438		

155 469 PAGE 8 OF 14

NATIONAL REFRIGERATION AND BEZA045L8-HT3D AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 **EZ-LINE SCROLL** BRANTFORD, ON **CONDENSING UNITS-AIR** CANADA N3T 5Y6 SUBMITTED BY : Laura Craig PURCHASER: PROJECT: Erwin Elementary DATE: 11 Oct 2022 ORDER #: 06339.36374.00469-A00 ITEM # : 4 QUOTE # : Q11EULCA-A ID#: PURCHASER'S PO #: TAGGING: **MODEL FEATURES** 3/8" Tubing coil construction (reduces · Fan motors are inherently protected with · Welded hermetic Scroll compressor internal overloads refrigerant operating charge) · Adjustable low pressure control with Pre-formed piping flex hose / fixed high pressure control Anti-short cycle time delay · Receiver with fusible plug and liquid shut Adjustable pressure fan cycling control · High efficiency enhanced copper tube off valve on 2 fan models only and aluminium fin coil design · Suction Service valve Copper tubing secured with cushion Compatible with Low GWP Refrigerants · Adjustable flooded head pressure control clamps · Outdoor weatherproof pre-painted steel (unless otherwise indicated) Crankcase heater cabinet · Units are shipped with Helium holding Discharge line temperature sensor AWEF = 3.15 charge Fan Guard · Weatherproof electrical control box with compressor contactor and fused control circuit MODEL OPTIONS (* = Shipped Loose) DEFROST KIT **OPTION PACKAGES** LIQUID LINE FILTER + SIGHT GLASS Continued Small B (Good@Warm/Moderate) (USE W/KE2 EVAP EFF) Replaceable Up to 30A per Evap Small N (Better@Warm/Moderate) Liquid Line Lock-Out Relay 35A to 50A per Evap Small P (Best@Warm/Moderate) LIQUID LINE SOLENOID VALVE Over 50A per Evap Small D (Good@Moderate/Cold) *Standard 230V Coil Discharge Air Hood Small J (Better@Moderate/Cold) *Standard 115V Coil Discharge Line Check Valve Small Q (Best@Moderate/Cold) OIL SEPARATOR Discharge Line Temperature Sensor Small K With Oil Filter and Solenoid DISCONNECT SWITCH Small H One Time Pump Down ELECTRIC DEFROST KIT Fused Oversized Receiver Non-Fused DFK-02 PHASE / VOLTAGE MONITOR EC FAN MOTORS + SPEED CONTROLLER 115V Control Circuit 3-Lead ADJUSTABLE PRESSURE CONTROLS All Motors Variable Speed - 230V Units 6-Lead (MotorSaver455) Johnson Dual with flex hose SmartSpeed Pump Down Toggle Switch ELECTRONIC PRESSURE CONTROL Separate High/Low QuickVac Valves Low Pressure Control Separate High/Low: MAN Reset on HP Receiver Inlet Ball Valve High Pressure Control BALL VALVE Single Point Electrical **Export Crating** *Liquid Line Sub Cooling Circuit **EXTENDED 4-YEAR COMPRESSOR WARRANTY** Liquid Line SUCTION ACCUMULATOR Copeland *Suction Line With Heat Exchanger Extended Leg Kit Suction Line Without Heat Exchanger COIL COATING CAPACITY CONTROL - HOT GAS BYPASS SUCTION FILTER F-Coat To Inlet of Evaporator Sealed Type FIN MATERIAL To Suction Line Replaceable Core Gold Coat Fins Compressor Circuit Breaker TIME CLOCK Copper Fins CONDENSING UNIT PRISON PACKAGE Paragon 8145 Style Hail Guard for Condenser Tamper Proof Screws *230V Paragon 8145 Style Heated and Insulated Receiver Crankcase Pressure Regulator *115V Paragon 8145 Style HOUSING MATERIAL CONTACTORS Wind Guard Stainless Steel 30A Contactor Less Flooding Valve(s) Insulated Suction Line 40A Contactor LIQUID LINE FILTER + SIGHT GLASS 60A Contactor Sealed VOLTAGE SYSTEM REFRIGERANT RATING SUCTION TEMP AMBIENT TEMP CAPACITY -18.7 °F 208-230/3/60 13438 BTUH 105 °F R448A 4.5Hp COMPRESSOR CIRCUIT TOTAL **FANS** FLA/FAN LRA QTY **POWER** TYPF QTY MOP# RLA AMPS WATTS MCA† ZF13K4E-TF5 400W 2.1 13.8 99 15.9 19.4 30 1 SOUND LIQUID REC CAPACITY APPROVALS 1/2 in 22 lb SUCTION 1 1/8 in WEIGHT 435 lb REF CHARGE 9 lb į(ŲL)_{us} NOTES: † MCA., Minimum Circuit Ampacity, ‡ MOP., Maximum Overcurrent Protection MCA & MOP are for the condensing unit ONLY. Single point connections WILL show different on dataplate.

APPROVED BY:

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

Bally

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BEZA045L8-HT3D

EZ-LINE SCROLL CONDENSING UNITS-AIR

PURCHASER: SUBMITTED BY: Laura Craig
PROJECT: Erwin Elementary DATE: 11 Oct 2022

ORDER #: 06339.36374.00469-A00 ITEM #: 4

QUOTE #: Q11EULCA-A ID #:

PURCHASER'S PO #: TAGGING:

SELECTED OPTION DESCRIPTIONS

Electric Defrost Kit - DFK-02

Electric Defrost Kit includes:

Mechanical Time Clock:

Time initiated temperature terminated with a timed failsafe.

Contactors:

Three pole definite purpose, 230V or 115V coil as defined by the control circuit voltage HtrCont1x 40A

Fuse Blocks:

1x 30A (2P) Class CC

Liquid Line Filter + Sight Glass - Sealed

Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

Option Packages - Small B (Good@Warm/Moderate)

LLFD+SG

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

14



NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

Order Item No: 4

BEZA045L8-HT3D

EZ-LINE SCROLL CONDENSING UNITS-AIR

DATE: 11 Oct 2022

PURCHASER:

MOUNTING HOLES

PROJECT : Erwin Elementary

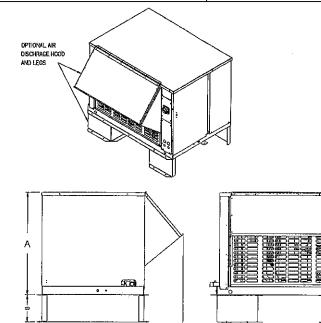
SUBMITTED BY : Laura Craig

Dimensions shown are for standard unit less

options.										
DIMENSIONS										
DIMENSION A	30 3/8 in									
DIMENSION B	43 7/8 in									
DIMENSION C	32 7/8 in									
DIMENSION D	10 1/8 in									
DIMENSION E										
DIMENSION F										
DIMENSION G	0 in									
DIMENSION H										

CONNEC	TIONS	
LIQUID		1/2 in
SUCTION		1 1/8 in
DRAIN		
WATER		
DISCHARGE		
PAN LOOP		
HOT GAS SIDE PORT		
HOT GAS INLET		
HOT GAS OUTLET		
OTH	ER	
SHIPPING WEIGHT		435 lb
REFRIGERANT CHAR	GE	9 lb
RECEIVER CAPACIT	Υ	22 lb

APPROVALS										
c (i) us										
NOTES:										



- 10 1/32 --

PAGE 11 OF 14

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NATIONAL REFRIGERATION AND

BLP316LE-S2D

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6							LOW PROFILE EVAPORATOR								
PU	RCHA						SUBMITTED BY: Laura Craig								
		ECT : Erwin	Elementa	iry			DATE : 11 Oct 2022								
•	ORDER #: 06339.36374.00469-A00							TEM #	: 5						
		E # : Q11EU	LCA-A					ID#	:	•					
PURCHAS	ER'S P	0#:					TAG	GING	:						
Sporlan TX KE2 Evap E KE2 Evap E *KE2 Evap *KE2 Evap Aux Sidepo CABINET FI Painted Wi Stainless S SENSORS F Coil Temp Return Air DEMAND DI CONTROLLI KE2 Adapti *KE2 Adapti KE2 Therm	ing chid solen extured exturing ext	arge) noid valve wire I aluminum catatches/corrosio compartment al EVAP EEV + Solviv SV,T-stat acy w/Sporlan acy w/Sporlan acy w/Sporlan acy w/Sporlan acy w/Sporlan acy sysporlan a	TXV EEV TXV EEV TXV	## Property of the content of the co	ged drain is connection in access the recompart in ader contractive and ethylene fail in a contractive and ethylene fail in access the recompart in a contractive and ethylene fail in a contractive fail i	pan with n (3/4" to spacio ments nection (1 durable n guard NS (* IC CON + Contre N VALV (V EV martVap COR PRI TOG Screet TING RIAL Fins ns Drain P I nielded (1 nors on Sens dapter Combo (1	ATURES In central unividrain) In central unividrain In central unividration In central university In c	ersal and ader /	1 1	mmutated ECM with S High efficie d aluminit FFI Unit Coole th R404A/ LIQUID Sporlar Dual Vo Wired Nitroger ROOM T Mechar *Johns Johnso Wire Fa REMOTE *230V *115V INSTALI Minimu drain li P-trap box	Itage Coil In Charged HERMOST Inical	M) I Techniced copilesign IRCAN INA/R449 ENOID 120-2: and Scarts C-02C -02 PANE EQUIR: 1" per equired	valv BOV Fi BEMENT foot or outside	ent 7A E eld	
VOLTAGE	60	SYS	TEM REF		RANI		AIR FLOW			P. TEMP	BOX TE		CAPA 13438		
208-230/1/			R448	5A	i	JE 0.TED:	2040 CFM		-18	3.2 °F	-10 °			віцн	
	FANS	ELA/EAN		TYI		HEATER:			\dashv	AMDC	CIRCUIT				
QTY POW 3 0.07		FLA/FAN 0.6		1 11	<u> </u>	QTY	AMPS			AMPS 1.8	WATTS 180	MCA 2	<u>' '</u>	15	
J 0.07	nr.	1 0.0	DEE	RUC	T HTRS		11.9			1.0	2730	14.8	,	15	
DISTRIBUTOR	7	/8 in	SOUND	103		<u> </u>	REC CAPACI	тγТ			2/30	14.0	APPRO		
SUCTION		1/8 in	WEIGHT	+	115	, 	REF CHARG			4 lb			AF CINC	VVALO	
NOTES: † MCA Minin										. 10	_1		ι (Î)·li	(S)	
APPROVED BY		rawing signifie	s that the	ם פתו	linment is	accento	hle under the	nrov	ision		DATE :	ne An	/ chan		
		i by any perso												90	

Bally

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BLP316LE-S2D

LOW PROFILE EVAPORATOR

PURCHASER: SUBMITTED BY: Laura Craig

PROJECT: Erwin Elementary DATE: 11 Oct 2022

ORDER #: 06339.36374.00469-A00 ITEM #: 5

QUOTE #: Q11EULCA-A ID #:

PURCHASER'S PO #: TAGGING:

SELECTED OPTION DESCRIPTIONS

Expansion Valve - Sporlan TXV

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

<u>Installation Requirements - Insulated drain line</u> requires heat - 20W/ft

Freezer condensate drain lines must be insulated and heated with a minimum of 20 watts per foot.

<u>Installation Requirements - Minimum slope of 1" per</u> <u>foot on all drain lines</u>

Bally recommends a minimum slope of 1" per foot on all drain lines.

<u>Installation Requirements - P-trap per evap required</u> <u>outside of box</u>

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

Liquid Line Solenoid Valve - Sporlan

Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

Pre-assembled Evap - Sporlan TXV, LLSV.T-stat

Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

Room Thermostats - Mechanical

Single stage temperature control with Single-Pole,
Double-Throw (SPDT) mechanical switch. May be Johnson A19
or equal, Operating range of -30°F to +100°F. Adjustable
differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

Order Item No: 5

BLP316LE-S2D

LOW PROFILE EVAPORATOR

DATE : 11 Oct 2022

PURCHASER:

PROJECT : Erwin Elementary
SUBMITTED BY : Laura Craig

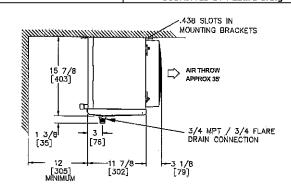
Dimensions shown are for standard unit less

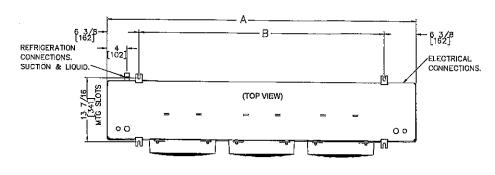
options.

DIMENSIONS									
DIMENSION A	62 1/4 in								
DIMENSION B	49 1/4 in								
DIMENSION C									
DIMENSION D									
DIMENSION E									
DIMENSION F									
DIMENSION G	0 in								
DIMENSION H									

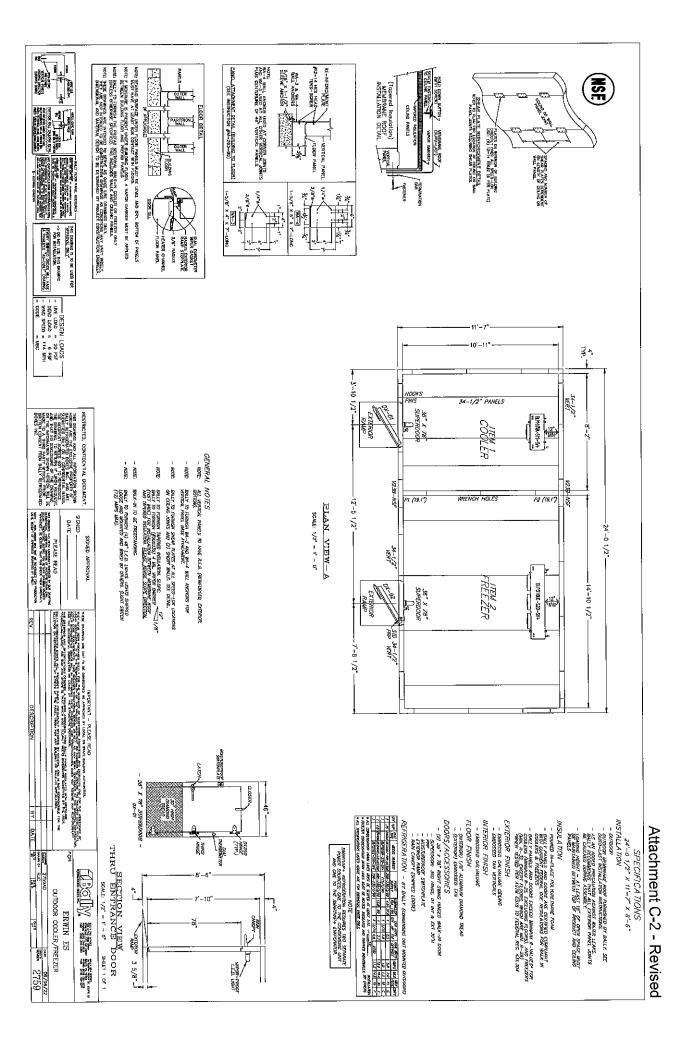
CONNEC	TIONS	
DISTRIBUTOR		3/8 in
SUCTION		1 1/8 in
DRAIN		3/4 in
WATER		
DISCHARGE		
PAN LOOP		
HOT GAS SIDE PORT		
HOT GAS INLET		
HOT GAS OUTLET		
ОТН	ER	
SHIPPING WEIGHT		115 lb
REFRIGERANT CHAR	GE	4 lb
RECEIVER CAPACIT	Υ	

	APPROVALS										
[c(VL) _{us}	(ISF									
NOTES:											





PAGE 14 OF 14





Specifications

09/16/2022

CULINARY SOLUTIONS

Project

Erwin Elem-Lancaster County

Schools

From

Swanson-Girard & Assoc.

Becky Jersey

10420 Southern Loop Blvd.

Pineville, NC 28134

(704)521-8811

(888)521-0778 0000 (Contact)

(704)521-8801 (Fax)

bjersey@swanson-girard.com

The following discounts have been applied to this quotation. No additional discounts can be taken off the net price shown.

To ensure all discounts are applied correctly when ordering please send ALL ORDERS to Swanson-Girard. Email: <u>orders@swanson-girard.com</u> or Fax: 704-521-8801

For Tracking information please either reach out to SGA office or Autoquotes Order Status.

ITEM Cooler - SHELVING, WITH METAL FRAME (24 REQ'D)

Metro Model PR2442NK3 Dimensions: 42(w) x 24(d)

Super Erecta Pro™ Shelf, 42"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, builtin Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

24 ea Model 74PK3 Super Erecta® SiteSelect™ Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection Model HP2248PD Metro Bow-Tie™ Dunnage Rack, 22" x 48" x 12"H, slotted, with separate 1 ea

polymer tie for joining racks, corrosion proof polymer construction, NSF

ITEM Freezer - SHELVING, WITH METAL FRAME (16 REQ'D)

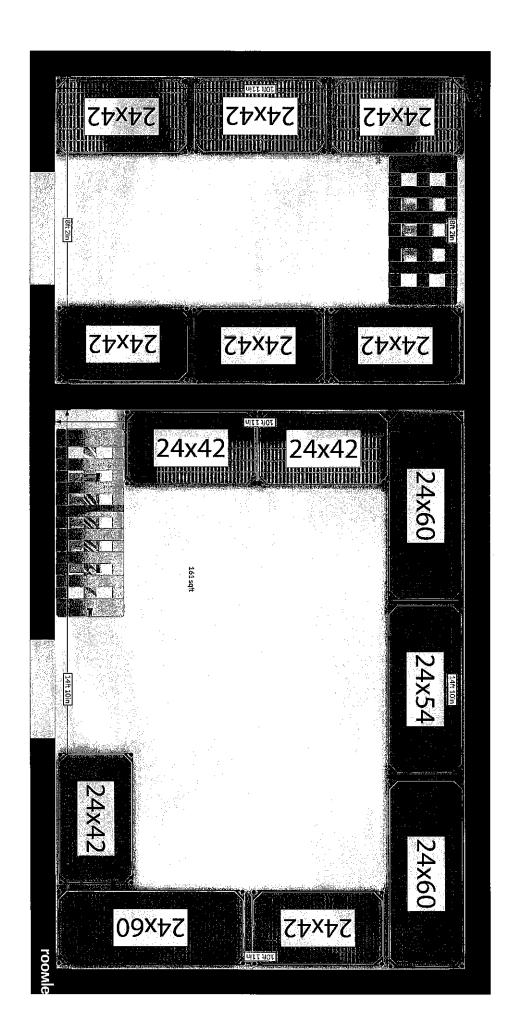
Metro Model PR2442NK3 Dimensions: 42(w) x 24(d)

Super Erecta Pro™ Shelf, 42"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, builtin Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF



- 12 ea Model PR2460NK3 Super Erecta Pro™ Shelf, 60"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF
- Model PR2454NK3 Super Erecta Pro™ Shelf, 54"W x 24"D, removable polymer shelf mat, 4 ea Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF
- Model 74PK3 Super Erecta® SiteSelect™ Post, 74-1/2"H, adjustable leveling bolt, posts are 32 ea grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection
- Model HP2260PD Metro Bow-Tie™ Dunnage Rack, 22" x 60" x 12"H, slotted, with separate 1 ea polymer tie for joining racks, corrosion proof polymer construction, NSF

This quotation is based on our understanding of the information provided to us. While we make every effort to ensure that the quote is correct, IT IS ULTIMATELY THE CUSTOMER'S RESPONSBILITY TO CHECK THE QUOTE FOR ERRORS. We are not responsible for this quotation meeting your requirements based on incorrect information. Please check our quotation carefully. Anything not listed will not be furnished. All items are quoted as each unless otherwise shown.







All Bidders

Attn:

Bally Refrigerated Boxes, Inc. Morehead City, NC 28557 (800) 242-2559

Quote No: Item No:

2757-001-R04-LC

Last Update: Revisor:

To:

10/12/2022 Laura Craig

Job Name:

McDonald Green Elementary School

Date:

PVD:

10/3/2022

From:

10/12/2022 Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Box Shape

Indoor Structure

NSF APPROVED



Bally Prefabricated Exterior Dimensions:

15'-5"(l) x 9'-8"(w) x 8'-6"(h)

2 Compartments 1 Tiers

With Floor 4" Floor

Ceiling: Single Span

Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

Details on Following Page(s)

NOTE: Freight shown is an estimate based on current published rates. A fuel surcharge will be added and changes continuously.

Walk-in Price:

Refrigeration Price:

Total Price (FOB Plant) (Less Refrig. Warranties):

Estimated Freight:

Optional Warranties:

(not included in Total Price)

(1) 00 3/4 HP System (5 yr. Parts, 1 yr. Labor)

(1) 02 HP System (5 yr. Parts, 1 yr. Labor)

Payment terms and conditions are available upon request.

This quotation was based on information supplied to us which may or may not have been complete. Customer is responsible for reviewing this quotation for exclusions, deviations, and any improper information supplied to us.

Signature:		
	Laura Craig	
Date:		

We are not responsible for the selection or recommendation of the panel finish for any building or walk-in application.

NOTE: Ouoting Bally standard specifications, sizes, and finishes.

This quotation is good through 11/26/2022

Act of 2007 (Public Law 110-140) Title III; Section 312, regarding Walk-In Coolers and Walk-In Freezers.

Page 1 of 5



Quote No: 2757-001-R04-LC

Item No:

Last Update: 10/12/2022

Revisor: Laura Craig

To: All Bidders

To: All Bidders

To: Last Update: 10/12/2022

Job Name: McDonald Green Elementary School

Date: 10/12/2022

PVD: 10/3/2022

From: Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone: Fax: (704)521-8801

Indoor Structure

Attn:

NSF APPROVED

Bally Prefabricated Exterior Dimensions:

15'-5"(1) x 9'-8"(w) x 8'-6"(h)

2 Compartments 1 Tiers With Floor 4" Floor

Ceiling: Single Span

Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

Details and specifications for Quote No: 2757-001-R04-LC

Comments:

Base Finish

Vertical and Ceiling Panels: Embossed Galvalume (26 GA)

Special Finishes:

Interior Floor - Aluminum Treadplate .125" Thick

Doors/Openings:

Wall 1 Door 1 (1) 36" x 78" Hinged Door In a 46"
Wall 1 Door 1 (1) Bally Standard Pressure Relief Port (< 400 sq/ft)
Wall 1 Door 1 (1) Strip Curtain (36" Door and Under)
Wall 1 Door 1 (1) Super Door 36" Wide and Under, 30" High

Wall 1 Door 2 (1) 36" x 78" Hinged Door In a 69"

Wall 1 Door 2 (1) Super Door 36" Wide and Under, 30" High

Accessories and Extras:

(4) 48" LED KEIL 48x754-CL-N Light - 40° F to 100° F(Range)

(1) Box set in 4" depression from top of finished floor.

(48) S/F Emboss Galvalume (Closure Metal)

Floor Options:

(160) S/F 1/2" Plywood Foamed in Panel

Refrigeration:

(1) BEZA 007 H8 HT3DB (208-230/3/60) w/ smart speed Scroll Unit 7190 BTU

(1) BEZA 020 L8 HT3D (208-230/3/60) w/ smart speed

Includes defrost contactor for 1 Evap.

(1) BLP207LE-S2D 208-230/1/60

2 Fan 7160 BTU/h

(1) BLP209-MA-S1D 115/1/60

2 Fan 8700 BTU/h

(1) Refrigeration is calculated for standard use at a box temperature of 35° F. for the cooler and -10° F. for the freezer with a condensing unit ambient of 105° F.

(1) Time Clock 8145 (shipped loose) 115/1/60



Quote No: Item No:

2757-001-R04-LC

Last Update: Revisor:

To:

10/12/2022 Laura Craig

All Bidders

Job Name: Date:

McDonald Green Elementary School 10/12/2022

PVD: 10/3/2022

From:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Estimated Shipping:

Attn:

Weight: 5,050.89

Destination: Lancaster, SC, 29720

Version 2.8.25 Page 3 of 5



All Bidders

Attn:

Last Update:

Revisor:

To:

Bally Refrigerated Boxes, Inc. Morehead City, NC 28557 (800) 242-2559

2757-001-R04-LC Quote No:

Item No:

Job Name:

McDonald Green Elementary School PVD:

Date:

10/12/2022

10/3/2022

From:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Deviations (Alternates, Remarks, Clarifications, Etc.):

10/12/2022

Laura Craig

Bally Floor Panels are capable of supporting up to 800 lbs. Per Sq/Ft uniformly distributed stationary loading. Bally does not recommend the use rolling loads of heavy carts, pallet jacks or fork lifts on top of the floors. Warranty for floors subjected to this type of use would not be covered by Bally.

Quoting Bally Standard Pre-Assembled Remote Refrigeration.

Exclusions	(Items	Not	Suppli	ed by	Bally):
------------	--------	-----	--------	-------	---------

V	Shelving, Racks, Interior Accessories	☑	Caulking and Sealants
	Labor on Warranties		Refrigeration Systems
V	Alarm Systems	\checkmark	Refrigeration Accessories
V	Supervision		Closure Panel and Trim
V	Tubing, Wiring for Rfg. Equipment	V	Sleeves, Penetrations, Escutcheon Plates
V	Compressor Rack	☑	Floor Insulation and Vapor Barrier

Cancelled Orders: Cancelled unshipped standard walk-ins will be charged a 30% restocking fee plus the cost of special panels. Cancelled refrigeration systems will be charged a 30% restocking fee and the cost of any freight accrued. Buy-out items will be charged a 25% restocking fee plus any freight

Agency Ratings: Bally units comply or surpass applicable Flame Spread-25, UL, UL 723, & NSF standards in a manner conforming to ASTM E-84, and Factory Mutual standards.

Quotation Limitations: This quotation was based upon the specifications given to Bally which may possibly be incomplete. Bally is not responsible for items missing from the quotation due to incomplete or excluded items in the specifications received from the customer. The customer is responsible for reviewing the quotation for omissions or deviations from the specifications given to Bally. All portions of the quotation are subject to revision upon receipt of detailed specifications or if changes are made following the delivery of the original quotation. Quotations expire on the date indicated on Page 1 of the Quote. Approval drawings must be returned within 60 days of receipt of the purchase order. The order must ship within the agreed upon time frames or current lead times, but no later than 7 months. Any deviations to this quotation (dimensions or specification changes) will require updated pricing.

Panel Construction: Bally Panels are manufactured with environmentally friendly HFC 245-FA polyurethane foam. This polyurethane foam offers the highest thermal insulation value and the most energy efficiency per cubic inch in comparison to similar foams. It has a zero Ozone Depletion Potential (ODP) and a low Global Warming Potential (GWP). It is not considered a Volatile Organic Compound (VOC) in the US. Standard 4" Bally panels meet the 2009 Federal Energy Standards.

Refrigerants: Unless otherwise specified, refrigeration systems are quoted with environmentally friendly HFO R448A refrigerant. It has a Low Global Warming Potential (GWP) and the EPA lists it as an acceptable substitute for R404A and other high GWP refrigerants.

Automatic Door Closers: Bally includes automatic door closers and spring loaded hinges on all doors 42" wide and smaller as a standard feature with no additional charge that meet the 2009 Federal Energy Standards.

Motors: Bally units are quoted with EC and PSC motors in compliance with federal energy standards, for increased energy savings.

Lighting: Bally units are quoted with lighting in compliance with federal Energy Standards for increased energy savings.

Optional Features: Bally offers additional optional energy-saving features such as Walk-In Alarm & Light Management systems that comply or surpass the 2009 Federal energy regulations.



Quote No:

2757-001-R04-LC

Last Update: Revisor:

10/12/2022

Laura Craig

To:

All Bidders

Attn:

C1

Item No: Job Name:

McDonald Green Elementary School

Date: From: 10/12/2022

PVD: 10/3/2022

C2

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

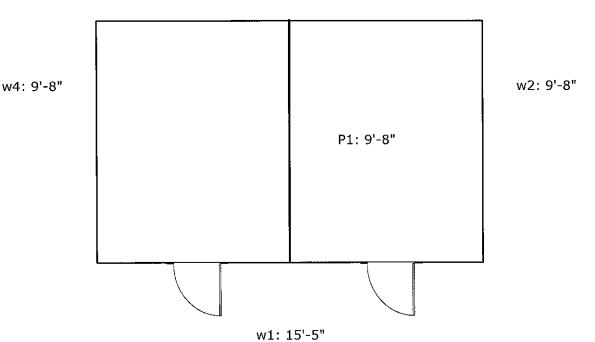
Pineville, NC 28134

Phone:

Fax: (704)521-8801

This drawing is for reference purposes only and it not intended to be a formal scale model.

w3: 15'-5"



DOOR 1: Wall1 36" x 78" Hinged Door In a 46" Offset:4'-0" Hinge:Right Orientaion:Regular DOOR 2: Wall 36" x 78" Hinged Door In a 69" Offset: 12'-0" Hinge: Right Orientalon: Regular PARTITION 1: Wall 1 Centered Connect

McDonald Green Elem Cooler LOAD CALCULATION





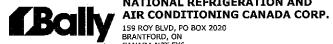
	ners d Gelge e			COOLI	NG REQ	UIR	EMENTS		A A A		MIG.		
Application	Genera	ai Walk-in Co	oler	200		L	ocation	Indoor			AND THE PROPERTY OF THE PROPER	A record to the of Leading	
Internal Temp			Internal RH	849		Exte	rnal Tem			External RH		55%	
Wall Load			Infiltration	ration 1,659 BTU		P	roducts	409 B	TUH	Miscellaneou	s 6	665 BTUH	
	21%		489				129	%			19%		
		(1) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	WA	LL, FLO	OR AND	CEI	LING LO	ADS	rene ener Albeita a				
Section		Construct	ion	Thicknes (in)	K Fac	ctor	R Value	Ext Temp (°F)	Dim 1 (ft)	Dim 2 (ft)	Area (ft²)	Load (BTUH	
Rear		ethane, Standa		4.000	0.1	4	28.57	85.0	9.67	8.50	82	144	
Right End	Ure	ethane, Standa	ird panels	4.000	0.1	4	28.57	85.0	7.75	8.50	46	81	
		Door					15.00	85.0	3.00	6.50	20	65	
Front		ethane, Standa		4.000			28.57	35.0	9.67	8.50	82		
Left End		thane, Standa		4.000	0.1	4	28.57	85.0	7.75	8.50	66	115	
Floor		On Grad	-	10.000			32.32		9.67	7.75	75	183	
Ceiling	Ure	ethane, Standa	rd panels	4.000	0.1	4	28.57	85.0	9.67	7.75	75	131	
		v	OLUME (ft³)	637			TO	ΓAL WALL,	FLOOR	AND CEILI	NG LOA	D 719	
		IN	FILTRATION	LOAD:	ESTIMA	TED	BY VOL	JME AND	USAGE				
Box Usage	Int	ernal Temp (°F)	Internal (%)	Rh Externa				ternal Rh (%)		ntilation (CFM)		Load (BTUH)	
Heavy		35	84		85		****	55			1		
				PF	RODUCT	c appraisable	<u> 1939 - 135 w</u>						
		Туре			_	Weight Ent		Temp Fii F)	nal Temp (°F)	Pull Dov (hrs)		Load (BTUH)	
Gene	ral, Mixe	d Products, Ap	proximation		1,27	L,274 45.0		.0	35.0	24		409	
то	TAL PR	DDUCT WEIG	GHT (lbs)		1,27	' 4			TOTAL F	RODUCT LO	DAD	409	
				MISC	ELLANE	ous	LOADS		12.22.5 12.24.5				
Quantity			Description			Powe 1		ver	Units	Run Tin (hrs)		Load (BTUH)	
			LIGHTING						W/ft²	24 24		256	
2		EVA	PORATOR MOT	ORS			6	0	W			409	
			ia Singilari	CVCTEA	4 DEST	M CI	JMMARY	20, 207	MISCELI	ANEOUS LO)AD	665	
Desian	#577B <u>. 17</u>	Safety	Angan girk kilongana dasara. T	Capa	1,000,000,000,000		AARIPIC	Line			1	ondense	
Load (BTUH)	Safety Factor	Load (BTUH)	Run Time (Hours)	Requi	ired R	tefriç	gerant	Frequency (Hz)	Design (°F	_	LOSS	Ambient (°F)	
3,452	10%	3,797	16	5,69		R4	48A	60	10.	1 0.	5	100	
		是到了一个	SY	STEM E	QUIPME	NT S	SELECTI	on 💮	· WAA				
Equipment T	уре	Quantity	Model Nu	mber	**41		Des	cription	2 4 45 42 43 E	Volta	ge	Rating (BTUH)	
Condensing Unit 1 BEZA007H8		BEZA007H8			EZ-Li	ne Scroll	Condensing	Units-Air	208-230/	/3/60	6,868		
Evaporator 1 BLP209MA				-S1D			Low Prof	ile Evaporat	or	115/1/	′ 60	8,843	
				SY	STEM B	ALA	NCE				10 TW		
Fan Loa	d (BTUI	1)	Suction Te	mp (°F)		, , , , , , , , , , , , , , , , , , ,	Evapora	tor TD (°F)	System C	apacity	(BTUH)	
			26.	3				8.2		-	7,141		

155 469 PAGE 1 OF 14

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP

BEZA007H8-HT3D

IB	EZ-LINE SCROLL												
	CONDENSING UNITS-AIR												
	SUBMITTED BY: Laura Craig DATE: 11 Oct 2022												
		ECT : McDon R # : 06338 .			ITEM #			2					
	QUOT												
PL	IRCHASER'S P			ID # : TAGGING :									
-		·		MO	DEL FE		OGIN						
 3/8" Tubing coil construction (reduces refrigerant operating charge) Anti-short cycle time delay Adjustable pressure fan cycling control on 2 fan models only Copper tubing secured with cushion clamps Crankcase heater Discharge line temperature sensor Fan Guard 				• Fan motors are inherently protected with internal overloads • Pre-formed piping • Receiver with fusible plug and liquid shut off valve • Suction Service valve • Adjustable flooded head pressure control (unless otherwise indicated) • Units are shipped with Helium holding charge • Weatherproof electrical control box with compressor contactor and fused control circuit							ure cor pressure d Techi nced co design GWP F	itrol wi e contr nology pper ti tefrigei	th ol ube rants
OPTION PACKAGES 1 Small B (Good@Warm/Moderate) Small N (Better@Warm/Moderate) Small D (Good@Moderate/Cold) Small J (Better@Moderate/Cold) Small J (Better@Moderate/Cold) Small Q (Best@Moderate/Cold) Small B (Better@Moderate/Cold) Small D (Best@Moderate/Cold) Small D (Best@Moderate/Cold) Small D (Best@Moderate/Cold) Small D (Best@Moderate/Cold) Small B (Best@Moderate/Cold) Small D (Best@Moderate/Cold) Small D (Best@Moderate/Cold) Small D (Best@Moderate/Cold) Small D (Best@Moderate/Cold) Discharge Air Hood Discharge Line Check DISCONNECT SWITCH Fused Non-Fused EC FAN MOTORS + SP All Motors Variable Sp ELECTRONIC PRESSUI Low Pressure Control High Pressure Control Export Crating EXTENDED 4-YEAR COWARRANTY Copeland Extended Leg Kit COIL COATING E-Coat FIN MATERIAL Gold Coat Fins Copper Fins Hail Guard for Conder Heated and Insulated HOUSING MATERIAL Stainless Steel Insulated Suction Line						LIQUID LINE FILTER + SIGHT GLASS Sealed Replaceable Liquid Line Lock-Out Relay LIQUID LINE SOLENOID VALVE *Standard 230V Coil *Standard 115V Coil OIL SEPARATOR With Oil Filter and Solenoid One Time Pump Down Oversized Receiver PHASE / VOLTAGE MONITOR 3-Lead 6-Lead (MotorSaver455) Pump Down Toggle Switch QuickVac Valves Receiver Inlet Ball Valve Single Point Electrical SUCTION ACCUMULATOR With Heat Exchanger Without Heat Exchanger SUCTION FILTER Sealed Type Replaceable Core TIME CLOCK Paragon 8145 Style *115V Paragon 8145 Style *115V Paragon 8145 Style *115V Paragon 8145 Style						5	
VOLTAGE SYSTEM REFRIGERANT 208-230/3/60 R448A									TION TEMP AMBIENT TEMP CAPACITY				
FANS			R448A		0.7Hp		26	5.3 °F	100 °F CIRCUIT TOTAL			BTUH	
QTY	POWER	FLA/FAN	Т Т	YPE	MPRESS QTY	RLA	LR		AMPS	WATTS	MCA		40D±
1	100W	1		KAE-TF5	1	4.8	37.		5.8	WAIIS	MCA 7	` '	10P# 15
LIQUI	D 3,	/8 in	SOUND	-		REC CAPAC		_	5 lb	T	' 	APPR(
		WEIGHT	GHT 183 lb			REF CHARGE		3 lb					
NOTES: † MCA Minimum Circuit Ampacity, ‡ MOP Maximum Overcurrent Protection MCA & MOP are for the condensing unit ONLY. Single point connections WILL show different on dataplate. AWEF = 7.6 for R404A/R507/R407A/R448A/R449A. Non-compliant DOE NRCAN model for all other refrigerants													
APPROVED BY: Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. An													
Appr	made hereon	awing signifies by any persor	that the e	quipment is a ver subject to	acceptat accept	ole under the ance by NAT	e provi IONAL	sion REF	of the job : RIGERATIO	specificatio	ons. Any ome off	/ chane ice.	ge



NATIONAL REFRIGERATION AND

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BEZA007H8-HT3D

EZ-LINE SCROLL CONDENSING UNITS-AIR

PURCHASER: SUBMITTED BY: Laura Craig PROJECT: McDonald Green Elem DATE: 11 Oct 2022 ORDER # : 06338.56873.00469-A00 ITEM # : 1 QUOTE # : Q10EULCB-A ID #: TAGGING: PURCHASER'S PO #:

SELECTED OPTION DESCRIPTIONS

Liquid Line Filter + Sight Glass - Sealed

Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

Option Packages - Small B (Good@Warm/Moderate)

LLFD+SG

Time Clock - 115V Paragon 8145 Style

115V Defrost timer is time initiated, temperature or pressure terminated with a timed failsafe. Timer is shipped loose in a box for field installation.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

Order Item No: 1

BEZA007H8-HT3D

EZ-LINE SCROLL CONDENSING UNITS-AIR

DATE: 11 Oct 2022 PURCHASER:

PROJECT : McDonald Green Elem

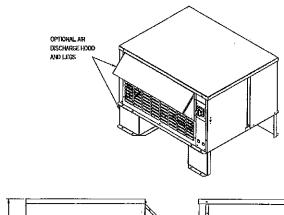
SUBMITTED BY : Laura Craig

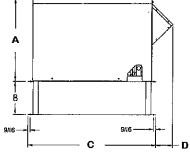
Dimensions shown are for standard unit less

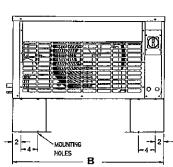
options.							
DIMENSIONS							
DIMENSION A	19 3/8 in						
DIMENSION B	24 7/8 in						
DIMENSION C	30 3/8 in						
DIMENSION D	4 in						
DIMENSION E							
DIMENSION F							
DIMENSION G	0 in						
DIMENSION H							

CONNEC		
LIQUID		3/8 in
SUCTION		5/8 ln
DRAIN		
WATER		
DISCHARGE		
PAN LOOP		
HOT GAS SIDE PORT		
HOT GAS INLET		
HOT GAS OUTLET		
ОТНІ	ER	
SHIPPING WEIGHT	,	183 lb
REFRIGERANT CHAR	GE	3 lb
RECEIVER CAPACIT	Υ	5 lb

APPROVALS					
c (ŲL) us					







AWEF = 7.6 for R404A/R507/R407A/R448A/R449A. Non-compliant DOE NRCAN model for all other refrigerants

NATIONAL REFRIGERATION AND

BLP209MA-S1D

159 ROY BLVD, PO BO BRANTFORD, ON			I						
■ BRANTFORD, ON	X 2020			LOW PR					
CANADA N3T 5Y6					EVAPOR				
PURCHASER :			SUBMITTI		aura Craig				
PROJECT : McDon					1 Oct 202	2			
ORDER # : 06338		69-AUU		EM # : 3					
QUOTE # : Q10EU	ILCB-A			ID # :					
PURCHASER'S PO # :				GING :					
• 3/8" Tubing coil construction (redirefrigerant operating charge) • Factory installed solenoid valve with harness • Heavy gauge textured aluminum cabinet construction resists scratches/corrosion • Spacious piping end compartment allows for easy assembly PRE-ASSEMBLED EVAP SmartVap+ with EEV + Solviv 1 Sporlan TXV, LLSV,T-stat KE2 Evap Efficiency w/Sporlan *KE2 Evap Efficiency w/Sporlan *KE2 Evap Efficiency w/Sporlan *KE2 Evap Efficiency m/Sporlan *KE2 Temp Sensor Return Air Temp Sensor DEMAND DEFROST ELECTROI CONTROLLER KE2 Therm Evaporator Efficien *KE2 Therm Evaporator Efficien Dual Circuit ELECTRONIC CONTROLLER KE2 Temp+Defrost SmartVap+ Control Board and Display	dra ire Fhei S A pol C Cor MC I I I I I I I I I I I I I I I I I I	MODEL F inged drain pan wi in connection (3/4 ront access to space der compartments chrader connection ttractive and dural yethylene fan guar ltra efficient Electr nmutated Motor (6 DEL OPTIONS (** EXPANSION VAI Sporlan TXV Sporlan EEV EEV for SmartVa EVAPORATOR PIC Tamper Proof SC EXPORATOR FIC Tamper Proof SC EXPORATOR FIC E-Coat FIN MATERIAL Gold Coat Fins Copper Fins Insulated Drain KE2 THERM *CAT5e Shielded w/connectors 40' Leads on See Ethernet Adapte *Remote Combo *Liquid / Suctio	EATURES ith central univ " drain) clous electrical in on suction he ble high density ds conically ECM) * = Shipped L VE ap+ connect Switch RISON PACKA crews Pan d Cable - 50ft msors + Transd or Kit o Display	ersal • and a ader • / w R C Oose)	High efficient alumining 6 FPI AWEF = 9 Unit Coole with 404A/R507 LIQUID Sporlan Dual Vo Wired Nitroge ROOM T Mechan *Johns Johns Johns Johns Wire Fa REMOTE *230V *115V INSTAL Minimumudrain lii	r is AWEF/N r/R448A/R4 LINE SOLI Itage Coil In Charged HERMOST Inical Ion A19ABC ION A421ABC IN GUARDS IN GUARDS ION GUAR	ced copper design IRCAN co 49A/R40 ENOID V 120-230 and Sea ATS C-02C -02 PANEL EQUIREN 1" per fo	mplia 7A/R ALVI V Fieled IENT ot on	E eld
VOLTAGE SYS 115/1/60 FANS QTY POWER FLA/FAN	R448A	GERANT HEATE			AP. TEMP 6.8 °F AMPS	BOX TE 35 9 CIRCUIT WATTS	F 7	_	CITY BTUH
2 0.07HP 1	 	1 211	APIFS		2 2	120	2.3	-	15
DISTRIBUTOR 3/8 in	SOUND		REC CAPACI	TV I		120			VALS
SUCTION 7/8 in	WEIGHT	70 lb	REF CHARG		1 lb	-	A	T KU	CJMV
NOTES:		1 2 2 . 2	ISE CIPAC		416			D _{Us}	(SF
† MCA., Minimum Circuit Ampacit	ty, ‡ MOP	Maximum Overcuri	rent Protection						
, , , , , , , , , , , , , , , , , , ,									

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BLP209MA-S1D

LOW PROFILE EVAPORATOR

SUBMITTED BY : Laura Craig PURCHASER: DATE: 11 Oct 2022 PROJECT: McDonald Green Elem ORDER #: 06338.56873.00469-A00 ITEM # : 3

QUOTE #: Q10EULCB-A

ID #: TAGGING:

PURCHASER'S PO # :

SELECTED OPTION DESCRIPTIONS

Expansion Valve - Sporlan TXV

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

Installation Requirements - Minimum slope of 1" per foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

Installation Requirements - P-trap per evap required outside of box

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

Liquid Line Solenoid Valve - Sporlan

Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

Pre-assembled Evap - Sporlan TXV, LLSV,T-stat

Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

Room Thermostats - Mechanical

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6 Order Item No: 3

BLP209MA-S1D

LOW PROFILE EVAPORATOR

DATE: 11 Oct 2022

PURCHASER:

PROJECT : McDonald Green Elem

SUBMITTED BY : Laura Craig

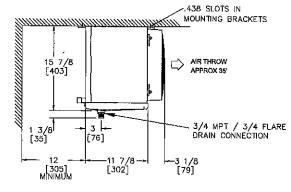
NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

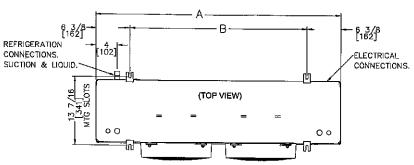
Dimensions shown are for standard unit less

DIMENSIONS						
DIMENSION A	46 1/4 in					
DIMENSION B	33 1/4 in					
DIMENSION C						
DIMENSION D						
DIMENSION E	·					
DIMENSION F						
DIMENSION G	0 in					
DIMENSION H						

CONNECTIONS					
DISTRIBUTOR	3/8 in				
SUCTION	7/8 in				
DRAIN	3/4 in				
WATER					
DISCHARGE					
PAN LOOP					
HOT GAS SIDE PORT					
HOT GAS INLET					
HOT GAS OUTLET					
OTHER					
SHIPPING WEIGHT	70 lb				
REFRIGERANT CHAR	GE 1 lb				
RECEIVER CAPACIT	Υ				

APPROVALS					
c (VL) us	RIST				
L					





McDonald Green Elem Freezer LOAD CALCULATION





				COOLIN	G REQUI	REMENTS						
Applicatio	Gene	al Walk-in	Freezer			Location	Indo	or				
Internal Te	np -	10 °F	Internal RH	95% External Temp)	85 °F E			I RH	55%
Wall Load		12 BTUH	Infiltration	1,830 BT		Products	11	4 BTUH	M	liscellan	eous	631 BTUH
on a construe Machine make		37%	inistria e de alta de la Mariera de Barbara	45%		and the Phother order	a Lander Standing Pol	3%	Charles - Disk of a consecution	Salva - In Decision	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	15%
		Nasa Andr	WA	Expression of the second		ILING LO	医原动物 化邻苯		がから			
Section		Constr	uction	Thickness (in)	K Facto	r R Value	Ext Te		m 1 ft)	Dim :	2 Are	
Rear			indard panels	4.000	0.14	28.57	45.0		.67	8.50		158
Right End	Uı		ndard panels	4.000	0.14	28.57	85.0		.75	8.50		154
		Do		<u> </u>		15.00	85.0		.00	6.50		123
Front			indard panels	4.000	0.14	28.57	85.0		.67	8.50		273
Left End			indard panels	4.000	0.14	28.57	85.0) 7	.75	8.50	66	219
Floor		On G		10.000	0.31	32.32			.67	7.75		336
Ceiling	Uı	ethane, Sta	indard panels	4.000	0.14	28.57	85.0) 9	.67	7.75	75	249
			VOLUME (ft ³)	637		TO	TAL WA	LL, FLC	OR A	ND CE	LING LO	AD 1,512
o e unige		i i	NFILTRATION L	OAD : ES	TIMATED	BY DOOR	S AND	OPENII	NGS	(A) (A)		
Quantity	D	oor or Ope	ening Type		- 1	idth Exte	rnal Temp (°F)	External (%)		n Time hrs)	Curtain	Load (BTUH)
1		Do	or	78.	.00 3	5.00	85.0	55.0		0.18	None	1,830
			тот	AL INFILT	RATION	LOAD ES	TIMATE	D BY D	OORS	AND C	PENING	S 1,830
				PRO	ODUCT LO	ADS	Turker 10 notes		79.3	er kundar Regelerine		
	1 (160 %) - 160 (400 0	Туре	tor made it presents maken special 1 - 2 of telephone	100 H 100 H 100 H 100 H 100 H	Weight (lb)					p Pull Down (hrs)		Load (BTUH)
G	eneral, Mix	ed Products	, Approximation		637			-10	-10.0		24	114
	TOTAL PR	ODUCT W	EIGHT (lbs)		637	337 TOTAL P			AL PR	RODUCT LOAD 114		
表 ・		TA AA		MISCE	LANEOU	S LOADS			3 H			
Quantity			Description			Power Unit			nits Run Time (hrs)			Load (BTUH)
			LIGHTING		1			W/f	t²	24		256
2			EVAPORATOR MOT	TORS		60 W			1	14	375	
			·				TOT	AL MIS	CELLA	NEOUS	SLOAD	631
in an armin		可能进步 (數 位) 。此一年 (2) 2 () 2 () 2		SYSTEM	DESIGN	SUMMARY	A Constitution					少年版 3000000000000000000000000000000000000
Design Load (BTUH)	Safety Factor	I Ina	d Kun Time	Capaci Requir (BTUH	ed Ref	rigerant	Line Freque (Hz	ncy D	esign [·] (°F)	TD Li	ne Loss (°F)	Condenser Ambient (°F)
4,088	10%	4,49		5,995	•	R448A	60		10		0.5	105
	and the second s	i (i i jedin jedin 1966) O openskih kalendari		/STEM EQ	UIPMENT	Γ SELECTI	ON		kiji.			
Equipmer	t Type	Quantity	Model Nu	ımber	200.0009932	De	scriptio	n		Vo	oltage	Rating (BTUH)
Condensir	g Unit	1	BEZA020L	8-HT3D	EZ-	Line Scroll			s-Air	208-	230/3/60	6,384
Evapor	ator	1	BLP207LI	-S2D		Low Pro	file Evap	orator		208-	230/1/60	7,189
PAR M				SYS	TEM BAL	ANCE						
Fan Load (BTUH) Suction Te			emn (°F)	自己的主义。1915年中的1916年,中国1916年的1917年,1916年,1916年,1916年,1916年,1916年,1916年,1916年,1916年,1916年,1916年,1916年,1916年,1916年					System Capacity (BTUH)			
Fan	LUGU (BIL	וחי	Succion	cinsp (i)		Evapor	ator ID	("F)		6.516		

BEZA020L8-HT3D

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6							EZ-LINE SCROLL CONDENSING UNITS-AIR										
PURCHASER:							SUBMI	ITED		aura Cra		UNII D-AI	-				
PROJECT : McDonald Green Elem												1 Oct 20					
ORDER #: 06338.56873.00469-A00											# : 4				_		
QUOTE #: Q10EULCB-A										ID	#:						
PURG	CHASER	'S P	0#:						T,	AGGI	NG:						
3/8" Tubi refrigerant Anti-shor Adjustab on 2 fan m Copper ti clamps Crankcas Fan Guar	operation operat	ng c ime ure nly cure	harge) delay fan cycling	g cor	ntrol (interri Pre- Recoff va Suc Adji (unle: Unit charg Wea comp	motors are nal overload: -formed pipi eiver with fulve tion Service ustable floods so otherwise ts are shippe et e ressor conta	inherents ing usible p valve ded hea indica ed with	Welded hermetic Scroll compressor Adjustable low pressure control with flex hose / fixed high pressure control ECM with SmartSpeed Technology High efficiency enhanced copper tube and aluminium fin coil design Compatible with Low GWP Refrigera Outdoor weatherproof pre-painted scabinet						h ol be ants		
Weatherproof electrical control box with compressor contactor and fused control circuit MODEL OPTIONS (* = Shipped Loose)																	
VOLT	AGE			SYS	TEM REF	RIGE	RANT		RATING	ì	SUCT	ION TEM	IP I	AMBIENT	ТЕМР	CAPA	CITY
208-230					R448			<u> </u>	2Нр			9.5 °F	_	105 º			BTUH
	FA				L		COI	MPRES:						CIRCUIT	TOTAL		
QTY	POWE	₹	FLA/FA	N		TYF	PE	QTY	RLA	<u>T</u>	LRA	AMPS	Т	WATTS	MCA	† N	10P#
1	100W		1		ZFC	7KA	E-TF5	1	8.6		58	9.6			11.8	3	20
LIQUID		3,	/8 in		SOUND				REC CAPA	CITY		11 lb				APPRO	OVALS
SUCTION	N	7,	/8 in		WEIGHT		315 lb	<u> </u>	REF CHAI	RGE		4 lb				_	
NOTES:																C(ÎT) DE	
† MCA	Minimur	n Ci	ircuit Amp	acity	y, ‡ MOP.	Ma	ximum Ove	ercurre	nt Protectio	n							
									ections WIL								
AWEF = 3	3.1 for F	3404	4A/R507/	AWE	F = 3.08	8 for	R407A/R4	48A/R4	49A. Non-c	ompl	iant DO	DE NRCA	M M	nodel for a	II		
other refr	rigerants	ş.															
APPROVE														ATE:			
									ible under to stance by N					N at its ho	me off	ice.	
														PAGE	9	OF	14

Bally

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BEZA020L8-HT3D

EZ-LINE SCROLL CONDENSING UNITS-AIR

 PURCHASER:
 SUBMITTED BY:
 Laura Craig

 PROJECT:
 McDonald Green Elem
 DATE:
 11 Oct 2022

 ORDER #:
 06338.56873.00469-A00
 ITEM #:
 4

QUOTE #: Q10EULCB-A ID #: PURCHASER'S PO #: TAGGING:

SELECTED OPTION DESCRIPTIONS

Electric Defrost Kit - DFK-02

Electric Defrost Kit includes:

Mechanical Time Clock:

Time initiated temperature terminated with a timed failsafe.

Contactors:

Three pole definite purpose, 230V or 115V coil as defined by the control circuit voltage HtrCont1x 40A

Fuse Blocks:

1x 30A (2P) Class CC

Liquid Line Filter + Sight Glass - Sealed

Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

Option Packages - Small B (Good@Warm/Moderate)

LLFD+SG

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

Order Item No: 4

BEZA020L8-HT3D

EZ-LINE SCROLL CONDENSING UNITS-AIR

DATE: 11 Oct 2022 PURCHASER:

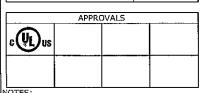
PROJECT : McDonald Green Elem

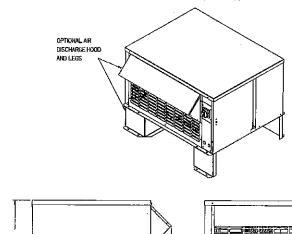
SUBMITTED BY : Laura Craig

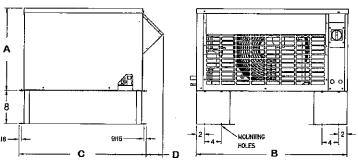
Dimensions shown are for standard unit less

opuons.							
DIMENSIONS							
DIMENSION A	19 3/8 in						
DIMENSION B	24 7/8 ln						
DIMENSION C	30 3/8 in						
DIMENSION D	4 in						
DIMENSION E							
DIMENSION F							
DIMENSION G	0 in						
DIMENSION H							

CONNECTIONS						
LIQUID	3/8 in					
SUCTION	7/8 in					
DRAIN						
WATER						
DISCHARGE						
PAN LOOP						
HOT GAS SIDE PORT						
HOT GAS INLET						
HOT GAS OUTLET						
OTH	ER					
SHIPPING WEIGHT	315 lb					
REFRIGERANT CHARG	GE 4 lb					
RECEIVER CAPACIT	Y 11 lb					







AWEF = 3.1 for R404A/R507/ AWEF = 3.08 for R407A/R448A/R449A. Non-compliant DOE NRCAN model for all other refrigerants

PAGE 11 OF 14

NATIONAL REFRIGERATION AND BLP207LE-S2D AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 LOW PROFILE BRANTFORD, ON CANADA N3T 5Y6 **EVAPORATOR** SUBMITTED BY : Laura Craig PURCHASER: PROJECT: McDonald Green Elem DATE: 11 Oct 2022 ORDER #: 06338.56873.00469-A00 ITEM # : 5 QUOTE # : Q10EULCB-A ID #: PURCHASER'S PO #: TAGGING: **MODEL FEATURES** 3/8" Tubing coil construction (reduces · Hinged drain pan with central universal · Ultra efficient Electronically refrigerant operating charge) drain connection (3/4" drain) Commutated Motor (ECM) Factory installed solenoid valve wire · Front access to spacious electrical and ECM with SmartSpeed Technology harness header compartments High efficiency enhanced copper tube Heavy gauge textured aluminum cabinet · Schrader connection on suction header and aluminium fin coil design construction resists scratches/corrosion · Attractive and durable high density 6 FPI Spacious piping end compartment allows • Unit Cooler is AWEF/NRCAN compliant polyethylene fan guards for easy assembly with R404A/R507/R448A/R449A/R407A MODEL OPTIONS (* = Shipped Loose) PRE-ASSEMBLED EVAP **ELECTRONIC CONTROLLER** LIQUID LINE SOLENOID VALVE 1 SmartVap+ with EEV + Solvlv SmartVap+ Control Board and Sporlan Sporlan TXV, LLSV,T-stat Display **Dual Voltage Coil 120-230V Field EXPANSION VALVE** KE2 Evap Efficiency w/Sporlan TXV Wired KE2 Evap Efficiency w/Sporlan EEV 1 Sporlan TXV Nitrogen Charged and Sealed Sporlan EEV *KE2 Evap Efficiency w/Sporlan TXV ROOM THERMOSTATS EEV for SmartVap+ Mechanical *KE2 Evap Efficiency w/Sporlan EEV **EVAPORATOR PRISON PACKAGE Aux Sideport Connector** *Mechanical CABINET FINISH Tamper Proof Screws *Johnson A19ABC **Export Crating** *Johnson A421ABC-02C Painted White Stainless Steel **COIL COATING** Johnson A421ABC-02 SENSORS FOR CPC BOARDS E-Coat Wire Fan Guards **FIN MATERIAL** REMOTE DEFROST PANEL Coil Temp Sensor Return Air Temp Sensor Gold Coat Fins *230V Control **DEMAND DEFROST ELECTRONIC** Copper Fins *115V Control **Insulated Drain Pan** INSTALLATION REQUIREMENTS CONTROLLER KE2 Adaptive Control **KE2 THERM** Minimum slope of 1" per foot on all *CAT5e Shielded Cable - 50ft *KE2 Adaptive Control drain lines w/connectors KE2 Therm Evaporator Efficiency P-trap per evap required outside of *KE2 Therm Evaporator Efficiency 40' Leads on Sensors + Transducers hox **Dual Circuit** Ethernet Adapter Kit 1 Insulated drain line requires heat -20W/ft *Remote Combo Display *Liquid / Suction Heat Exchanger VOLTAGE SYSTEM REFRIGERANT AIR FLOW EVAP. TEMP **BOX TEMP** CAPACITY 208-230/1/60 R448A 1500 CFM -19 °F -10 °F 6516 BTUH **FANS HEATERS** CIRCUIT TOTAL QTY **POWER** FLA/FAN TYPE QTY AMPS AMPS WATTS MCA† MOP# 2 0.07HP 0.6 120 1.4 1.2 15 DEFROST HTRS 8.2 1890 10.3 15 DISTRIBUTOR 3/8 in SOUND REC CAPACITY APPROVALS 76 lb SUCTION 7/8 in WEIGHT REF CHARGE 1 lb (B) :(ŲL)_{US} NOTES: † MCA.. Minimum Circuit Ampacity, ‡ MOP.. Maximum Overcurrent Protection APPROVED BY: DATE: Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change

made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



NATIONAL REFRIGERATION AND

BLP207LE-S2D

LOW PROFILE EVAPORATOR

CANADA NST STO	EVAPORATOR
PURCHASER:	SUBMITTED BY : Laura Craig
PROJECT: McDonald Green Elem	DATE: 11 Oct 2022
ORDER # : 06338.56873.00469-A00	ITEM # : 5
QUOTE #: Q10EULCB-A	ID #:
PURCHASER'S PO # :	TAGGING:

SELECTED OPTION DESCRIPTIONS

Expansion Valve - Sportan TXV

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

Installation Requirements - Insulated drain line requires heat - 20W/ft

Freezer condensate drain lines must be insulated and heated with a minimum of 20 watts per foot.

Installation Requirements - Minimum slope of 1" per foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

Installation Requirements - P-trap per evap required outside of box

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

Liquid Line Solenoid Valve - Sporlan

Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

Pre-assembled Evap - Sporlan TXV, LLSV.T-stat

Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

Room Thermostats - Mechanical

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6 NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office. Order Item No: 5

BLP207LE-S2D

LOW PROFILE EVAPORATOR

DATE: 11 Oct 2022

PURCHASER:

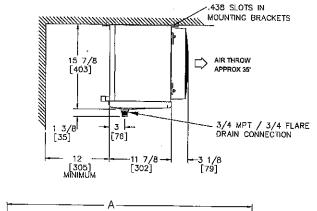
PROJECT : McDonald Green Elem SUBMITTED BY : Laura Craig

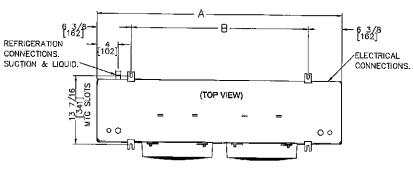
Dimensions shown are for standard unit less

optio	ns.
DIMENS	SIONS
DIMENSION A	46 1/4 in
DIMENSION B	33 1/4 in
DIMENSION C	
DIMENSION D	
DIMENSION E	
DIMENSION F	
DIMENSION G	0 in
DIMENSION H	

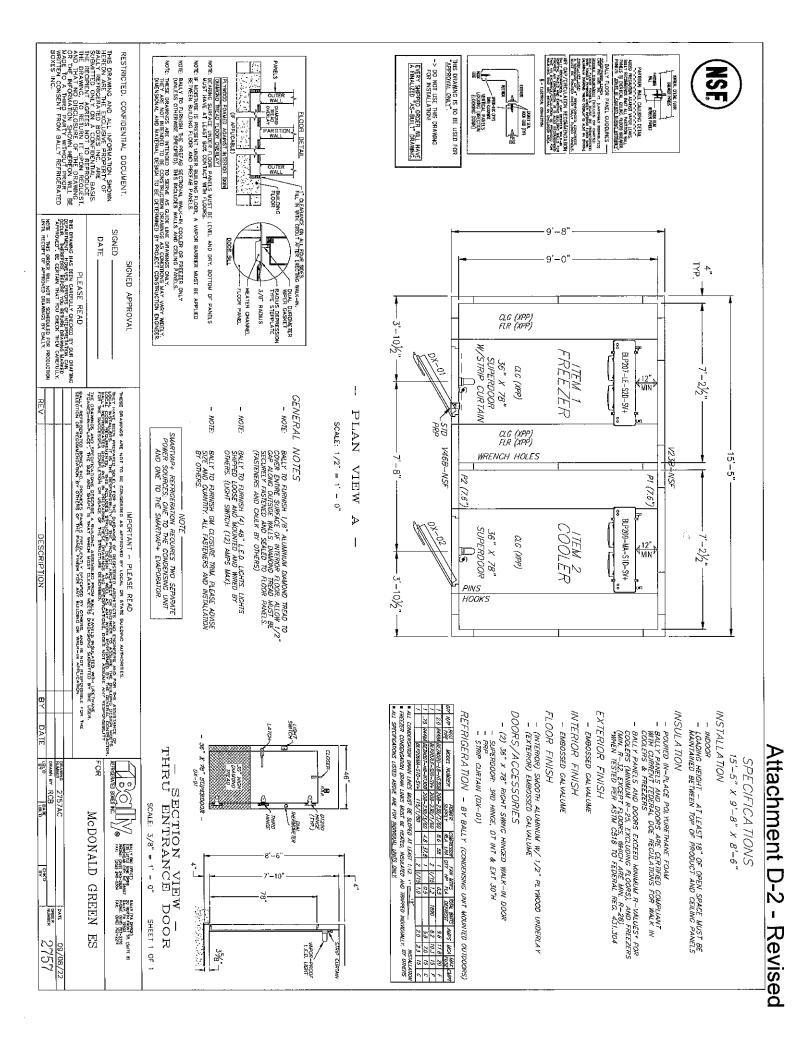
CONNECTIONS			
DISTRIBUTOR		3/8 in	
SUCTION		7/8 in	
DRAIN		3/4 in	
WATER			
DISCHARGE			
PAN LOOP			
HOT GAS SIDE PORT			
HOT GAS INLET			
HOT GAS OUTLET		-	
ОТН	ER		
SHIPPING WEIGHT		76 lb	
REFRIGERANT CHARGE		1 lb	
RECEIVER CAPACITY			

APPROVALS					
c UL us	USF				
NOTES:					





PAGE 14 OF 14





Specifications

09/16/2022

SWANSON-GIRARD

CULINARY SOLUTIONS

Project

From

McDonald Green Elem- Lancaster Swanson-Girard & Assoc.

County Schools

Becky Jersey

10420 Southern Loop Blvd.

Pineville, NC 28134 (704)521-8811

(888)521-0778 0000 (Contact)

(704)521-8801 (Fax)

bjersey@swanson-girard.com

The following discounts have been applied to this quotation. No additional discounts can be taken off the net price shown.

To ensure all discounts are applied correctly when ordering please send ALL ORDERS to Swanson-Girard. Email: orders@swanson-girard.com or Fax: 704-521-8801

For Tracking information please either reach out to SGA office or Autoquotes Order Status.

ITEM Cooler - SHELVING, WITH METAL FRAME (8 REQ'D)

Metro Model PR2460NK3 Dimensions: 60(w) x 24(d)

Super Erecta Pro™ Shelf, 60"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, builtin Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

8 ea Model PR2448NK3 Super Erecta Pro™ Shelf, 48"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves,

attaches to Super Erecta® round posts, NSF

16 ea Model 74PK3 Super Erecta® SiteSelect™ Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection

Model HP2236PD Metro Bow-Tie™ Dunnage Rack, 22" x 36" x 12"H, slotted, with separate 1 ea polymer tie for joining racks, corrosion proof polymer construction, NSF

ITEM Freezer - SHELVING, WITH METAL FRAME (8 REQ'D)

Metro Model PR2460NK3 Dimensions: 60(w) x 24(d)

Super Erecta Pro™ Shelf, 60"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, builtin Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

Model PR2448NK3 Super Erecta Pro™ Shelf, 48"W x 24"D, removable polymer shelf mat, 8 ea Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

Model 74PK3 Super Erecta® SiteSelect™ Post, 74-1/2"H, adjustable leveling bolt, posts are 16 ea grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection

1 ea Model HP2236PD Metro Bow-Tie™ Dunnage Rack, 22" x 36" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF





This quotation is based on our understanding of the information provided to us. While we make every effort to ensure that the quote is correct, IT IS ULTIMATELY THE CUSTOMER'S RESPONSBILITY TO CHECK THE QUOTE FOR ERRORS. We are not responsible for this quotation meeting your requirements based on incorrect information. Please check our quotation carefully. Anything not listed will not be furnished. All items are quoted as each unless otherwise shown.



Quote No:

2751-001-R05-LC

Last Update:

10/12/2022

Revisor:

Laura Craig

To:

All Bidders

Attn:

Item No:

Job Name:

South Middle School

Date: From: 10/12/2022

PVD: 10/3/2022

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

NSF APPROVED

Box Shape

Indoor Structure

Bally Prefabricated Exterior Dimensions:

19'-3"(l) x 11'-7"(w) x 8'-6"(h)

2 Compartments 1 Tiers

With Floor 4" Floor

Ceiling: Single Span

Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

Details on Following Page(s)

NOTE: Freight shown is an estimate based on current published rates. A fuel surcharge will be added and changes continuously.

Walk-in Price:

Refrigeration Price:

Total Price (FOB Plant)

(Less Refrig. Warranties): Estimated Freight:

Optional Warranties:

(not included in Total Price)

(1) 00 3/4 HP System (5 yr. Parts, 1 yr. Labor)

(1) 02.5 HP System (5 yr. Parts, 1 yr. Labor)

Payment terms and conditions are available upon request.

This quotation was based on information supplied to us which may or may not have been complete. Customer is responsible for reviewing this quotation for exclusions, deviations, and any improper information supplied to us.

Signature:	
	Laura Craig
Date:	

We are not responsible for the selection or recommendation of the panel finish for any building or walk-in application.

NOTE: Quoting Bally standard specifications, sizes, and finishes.

This quotation is good through 11/26/2022

Act of 2007 (Public Law 110-140) Title III; Section 312, regarding Walk-In Coolers and Walk-In Freezers.

Version 2.8.25 Page 1 of 5



Ouote No: Item No:

Job Name:

2751-001-R05-LC

Last Update: Revisor:

10/12/2022

Laura Craig

To: All Bidders Date: From: South Middle School 10/12/2022

PVD:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

10/3/2022

Indoor Structure

Attn:

NSF APPROVED

Bally Prefabricated Exterior Dimensions:

19'-3"(I) x 11'-7"(w) x 8'-6"(h)

2 Compartments 1 Tiers

With Floor 4" Floor

Ceiling: Single Span

Panel Thickness:

4 in. Exterior Vertical Used (7'-10") with 4 in. Partition, 4 in. Floor, 4 in. Ceiling

Details and specifications for Quote No:

2751-001-R05-LC

Comments:

Base Finish

Vertical and Ceiling Panels: Embossed Galvalume (26 GA)

Special Finishes:

Interior Floor - Aluminum Treadplate .125" Thick

Doors/Openings:

Wall 1 Door 1 (1) 36" x 78" Hinged Door In a 46"

Wall 1 Door 1 (1) Ext.Alum Diam/Tread Ramp (30-36" Door) (1) Super Door 36" Wide and Under, 30" High Wall 1 Door 1

Wall 1 Door 2 (1) 36" x 78" Hinged Door In a 46"

Wall 1 Door 2 (1) Bally Standard Pressure Relief Port (< 400 sq/ft)

Wall 1 Door 2 (1) Ext. Alum Diam/Tread Ramp (30-36" Door) (1) Strip Curtain (36" Door and Under) Wall 1 Door 2

Wall I Door 2 (1) Super Door 36" Wide and Under, 30" High

Accessories and Extras:

(4) 48" LED KEIL 48x754-CL-N Light - 40° F to 100° F(Range)

Floor Options:

(240) S/F 1/2" Plywood Foamed in Panel

Version 2.8.25 Page 2 of 5



Quote No:

2751-001-R05-LC

Last Update: Revisor:

To:

10/12/2022

Laura Craig

All Bidders

dders

. Attn: Item No:

Job Name: Date: South Middle School

10/12/2022

PVD: 10/3/2022

From:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Refrigeration:

(1) BEZA 007 H8 HT3DB (208-230/3/60) w/ smart speed Scroll Unit 7190 BTU

(1) BEZA 025 L8 HT3D (208-230/3/60) w/ smart speed Includes defrost contactor for 1 Eyap.

(1) BLP209LE-S2D 208-230/1/60 2 Fan 9390 BTU/h

(1) BLP209-MA-S1D 115/1/60 2 Fan 8700 BTU/h

(1) Refrigeration is calculated for standard use at a box temperature of 35° F. for the cooler and −10° F. for the freezer with a condensing unit ambient of 105° F.

(1) The refrigeration is calculated for a line run of less than 50'

(1) Time Clock 8145 (shipped loose) 115/1/60

Estimated Shipping:

Weight: 6,581.25

Destination:

Lancaster, SC, 29720

Version 2.8.25 Page 3 of 5



Quote No: Item No: 2751-001-R05-LC

Last Update:

10/12/2022

Revisor:

Laura Craig

To: All Bidders

Bidders

Attn:

Job Name: South Middle School

10/12/2022

PVD:

10/3/2022

From:

Date:

Laura Craig

Swanson-Girard & Associates

10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Deviations (Alternates, Remarks, Clarifications, Etc.):

Bally Floor Panels are capable of supporting up to 800 lbs. Per Sq/Ft uniformly distributed stationary loading. Bally does not recommend the use rolling loads of heavy carts, pallet jacks or fork lifts on top of the floors. Warranty for floors subjected to this type of use would not be covered by Bally.

Exclusions (Items Not Supplied by Bally):

V	Shelving, Racks, Interior Accessories	V	Caulking and Sealants
	Labor on Warranties		Refrigeration Systems
✓	Alarm Systems	V	Refrigeration Accessories
Ø	Supervision	☑	Closure Panel and Trim
V	Tubing, Wiring for Rfg. Equipment	☑	Sleeves, Penetrations, Escutcheon Plates
⊻	Compressor Rack		Floor Insulation and Vapor Barrier

Cancelled Orders: Cancelled unshipped standard walk-ins will be charged a 30% restocking fee plus the cost of special panels. Cancelled refrigeration systems will be charged a 30% restocking fee and the cost of any freight accrued. Buy-out items will be charged a 25% restocking fee plus any freight accrued.

Agency Ratings: Bally units comply or surpass applicable Flame Spread-25, UL, UL 723, & NSF standards in a manner conforming to ASTM E-84, and Factory Mutual standards.

Quotation Limitations: This quotation was based upon the specifications given to Bally which may possibly be incomplete. Bally is not responsible for items missing from the quotation due to incomplete or excluded items in the specifications received from the customer. The customer is responsible for reviewing the quotation for omissions or deviations from the specifications given to Bally. All portions of the quotation are subject to revision upon receipt of detailed specifications or if changes are made following the delivery of the original quotation. Quotations expire on the date indicated on Pagel of the Quote. Approval drawings must be returned within 60 days of receipt of the purchase order. The order must ship within the agreed upon time frames or current lead times, but no later than 7 months. Any deviations to this quotation (dimensions or specification changes) will require updated pricing.

Panel Construction: Bally Panels are manufactured with environmentally friendly HFC 245-FA polyurethane foam. This polyurethane foam offers the highest thermal insulation value and the most energy efficiency per cubic inch in comparison to similar foams. It has a zero Ozone Depletion Potential (ODP) and a low Global Warming Potential (GWP). It is not considered a Volatile Organic Compound (VOC) in the US. Standard 4" Bally panels meet the 2009 Federal Energy Standards.

Refrigerants: Unless otherwise specified, refrigeration systems are quoted with environmentally friendly HFO R448A refrigerant. It has a Low Global Warming Potential (GWP) and the EPA lists it as an acceptable substitute for R404A and other high GWP refrigerants.

Automatic Door Closers: Bally includes automatic door closers and spring loaded hinges on all doors 42" wide and smaller as a standard feature with no additional charge that meet the 2009 Federal Energy Standards.

Motors: Bally units are quoted with EC and PSC motors in compliance with federal energy standards, for increased energy savings.

Lighting: Bally units are quoted with lighting in compliance with federal Energy Standards for increased energy savings.

Optional Features: Bally offers additional optional energy-saving features such as Walk-In Alarm & Light Management systems that comply or surpass the 2009 Federal energy regulations.



Quote No: Item No: 2751-001-R05-LC

Last Update:

10/12/2022

Revisor:

Laura Craig

To: All Bidders

Attn:

Job Name: Date: South Middle School

10/12/2022

PVD:

10/3/2022

From:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

This drawing is for reference purposes only and it not intended to be a formal scale model.

w3: 19'-3"

w4: 11'-7"

C1 C2 P1: 11'-7"

w2: 11'-7"

w1: 19'-3"

DOOR 1: Wall 36" x 78" Hinged Door In a 46" Offset:4'-0" Hinge:Right Orientaion:Regular DOOR 2: Wall 36" x 78" Hinged Door In a 46" Offset:15'-0" Hinge:Right Orientaion:Regular PARTITION 1: Wall 1 Offset:9'-8" from wall 2 Connect

South Middle School Cooler Combo LOAD CALCULATION





				COOLI	NG REQUI	REMENTS		Application of the second of t				150													
Application	General	Walk-in Co	oler			Location	Indo	or																	
Internal Temp			nternal RH	849	-	kternal Tem	p	85 °F		External RH		55	%												
Wall Load	958 B		Infiltration	996 B		Products	6:	625 BTUH								625 BTUH		625 BTUH		625 BTUH		1iscella	neous	801 I	
Notice to Advisor School Section	289		and the second s	299		Olivora Tanana o cena i com	March a mara da marco	19%				24%													
		(四、) (四、) (1) (2) (1) (2) (2) (2) (2) (2) (2) (2) (2) (2) (2	WA	LL, FLOC	OR AND C	EILING L	CONTRACTOR OFFICE	新港			# 5% 55 X														
Section		Construct	ion	Thicknes (in)	K Facto	r R Value	Ext Te		m 1 ft)	Dim (ft)			Load BTUH												
Rear	Ureth	ane, Standa	rd panels	4.000	0.14	28.57	35.0	0 1	1.70	8.50															
Right End	Ureth	ane, Standa	rd panels	4.000	0.14	28.57	85.0		.80	8.50		•	112												
.=		Door				15.00	85.0		.00	6.50			65												
Front		ane, Standa		4.000	0.14	28.57	85.0		1.70	8.50			174												
Left End		ane, Standa		4.000	0.14	28.57	85.0) 9	.80	8.50) 8:	3	146												
Floor		On Grade		10.000		32.32			70	9.80		_	262												
Ceiling	Ureth	ane, Standa	rd panels	4.000	0.14	28.57	85.0) 11	1.70	9.80) 11	.5	201												
		V	OLUME (ft ³)	975		TC	TAL WA	ALL, FLO	OR A	ND CE	ILING L	OAD	958												
		Î	ILTRATION	LOAD:	ESTIMATE	D BY VOI	UME A	ND USA	GE		第4月	Bir i	唯 病												
Box Usage	Inte	nal Temp (°F)	Internal (%)	Rh E	xternal To (°F)	emp E	xternal (%)	Rh		ilatio	n	Loa (BTU													
Regular		35	84		85		55			_		996	5												
	(1) 10 11 1 1 T	Mary A. A.	1966 (1965) 1966 (1966) 1966 (1966)	PF	RODUCT L	DADS				1 12 (4) 120 1 2 3 13 1 3 14 15 15 15	4.44														
		4			Weight	: Ente	Temp	Final 1	emp	Pull	Down	Lo	ad												
		Туре			(lb) (°F) (°F) (hrs)				(B1	(BTUH)															
Gen	eral, Mixed	Products, Ap	proximation		1,949	4	5.0	35.	0		24	625													
TC	TAL PRO	OUCT WEIG	IGHT (lbs) 1,9					тот	AL PR	ODUC	T LOAD	6	25												
			i Santa Bartin Media	MISCE	ELLANEOL	IS LOADS																			
Quantity			Description			Po	wer	Uni	ts		Time hrs)		oad (UH)												
			LIGHTING				1	W/f	t²	24			91												
2		EVA	PORATOR MOT	ORS			50	W			24	4	09												
						•	тот	AL MIS	CELLA	NEOU	S LOAD	8	01												
Section 1		estembro Alberta	*************************************	SYSTEN	1 DESIGN	SUMMAR	Y 2.13	1 26 J 1		(185) (184 <u>3)</u> 2014 - 12	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		制度を保存												
Design Load (BTUH)	Safety Factor	Safety Load (BTUH)	Run Time (Hours)	Capad Requi (BTU	red Ref	rigerant	Lin Freque (Hz	ency D	esign (°F)	TD L	ine Loss (°F)	An	dense ibient ^{(o} F)												
3,380	10%	3,718	16	5,57	77	R404A	60		10.1		0.5	T	105												
			S)	/STEM E	QUIPMEN	T SELECT	ION			20.100 20.100	95 127 12 566 350 - 41	Markey III													
Equipment '	Гуре Qu	antity	Model Nu	ımber		De	scriptio	n		Voltage			iting TUH)												
Condensing	Jnit	1	BEZA007H		EZ	-Line Scroll	Conden	sing Unit	s-Air	208	-230/3/60														
Evaporato	r	1	BLP209MA	A-S1D		Low Pro	file, Evar	orator		1:	15/1/60														
一選では確認な。 - 選びは終うました。		Control of the Contro	Walling Co.	Company Service Proposition	STEM BAI	ANCE	re:				3.77.7.2000 1.77.7.2000		a Martina Nagraias												
Fan Lo	ad (BTUH)		Suction Te	emp (°F)	1	Evapoi	ator TD	(°F)		Syste	m Capac	ity (B1	UH)												
			26.	1	ŀ		8.1				6,86	=													

BEZA007H8-HT3D

159 ROY BLVD, PO BC BRANTFORD, ON CANADA N3T 5Y6	OX 2020	EZ-LINE SCROLL CONDENSING UNITS-AIR				
PURCHASER :		SUBMITTED BY: Laura Craig				
	Middle School Lancaster SC	DATE : 11 Oct 2022				
ORDER # : 06338	.58290.00469-A00					
QUOTE # : Q10E L	JLCB-A)#:			
PURCHASER'S PO #:		TAGGI	NG :			
 3/8" Tubing coil construction (red refrigerant operating charge) Anti-short cycle time delay Adjustable pressure fan cycling con 2 fan models only Copper tubing secured with cushi clamps Crankcase heater Discharge line temperature senso Fan Guard 	• Fan motors are inhe internal overloads • Pre-formed piping • Receiver with fusible off valve • Suction Service valv • Adjustable flooded in (unless otherwise indictable) • Units are shipped with the charge • Weatherproof electricals	 Fan motors are inherently protected with internal overloads Pre-formed piping Receiver with fusible plug and liquid shut off valve Suction Service valve Adjustable low pressure control (unless otherwise indicated) Units are shipped with Helium holding charge Welded hermetic Scroll compressor Adjustable low pressure control ECM with SmartSpeed Technology High efficiency enhanced copper tube and aluminium fin coil design Compatible with Low GWP Refrigeran Outdoor weatherproof pre-painted st cabinet 				
·						
	STEM REFRIGERANT	RATING	SUCTION TEMP	AMBIENT TEN		CITY
208-230/3/60 FANS	R404A COMPRI	0.7Hp SSOR	26.4 °F	105 °F CIRCUIT TO		втин
QTY POWER FLA/FAN	TYPE QT		LRA AMPS			40P‡
1 100W 1	ZB06KAE-TF5 1	4.8	37.8 5.8		7	15
LIQUID 3/8 in	SOUND -	REC CAPACITY	5 lb		APPRO	OVALS
SUCTION 5/8 in	WEIGHT 183 lb	REF CHARGE	3 lb		c(Ū) us	
NOTES:	ty ± MOP Mavimum Overcus	rent Drotoction			C. C. C. D. D.	
† MCA Minimum Circuit Ampacity, ‡ MOP Maximum Overcurrent Protection MCA & MOP are for the condensing unit ONLY. Single point connections WILL show different on dataplate.						
AWEF = 7.6 for R404A/R507/R40						
•	•			-		
APPROVED BY :		····	ī	DATE:	1	
Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.				ge		

Bally

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BEZA007H8-HT3D

EZ-LINE SCROLL CONDENSING UNITS-AIR

PURCHASER: SUBMITTED BY: Laura Craig
PROJECT: South Middle School Lancaster SC DATE: 11 Oct 2022

PURCHASER'S PO # :

SELECTED OPTION DESCRIPTIONS

TAGGING:

Liquid Line Filter + Sight Glass - Sealed

Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

Option Packages - Small B (Good@Warm/Moderate)

LLFD+SG

Time Clock - 115V Paragon 8145 Style

115V Defrost timer is time initiated, temperature or pressure terminated with a timed failsafe. Timer is shipped loose in a box for field installation.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

Order Item No: 1

BEZA007H8-HT3D

EZ-LINE SCROLL CONDENSING UNITS-AIR

DATE: 11 Oct 2022 PURCHASER:

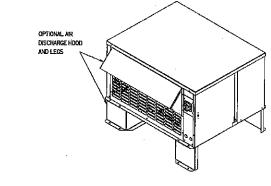
PROJECT : South Middle School Lancaster SC SUBMITTED BY : Laura Craig

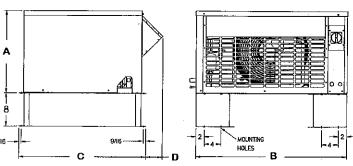
Dimensions shown are for standard unit less

options.				
DIMENS	IONS			
DIMENSION A	19 3/8 in			
DIMENSION B	24 7/8 in			
DIMENSION C	30 3/8 ln			
DIMENSION D	4 in			
DIMENSION E				
DIMENSION F				
DIMENSION G	0 in			
DIMENSION H				

CONNECTIONS					
LIQUID		3/8 in			
SUCTION		5/8 in			
DRAIN					
WATER					
DISCHARGE					
PAN LOOP					
HOT GAS SIDE PORT					
HOT GAS INLET	T T				
HOT GAS OUTLET					
OTH	ER				
SHIPPING WEIGHT	•	183 lb			
REFRIGERANT CHARGE		3 lb			
RECEIVER CAPACIT	Y	5 lb			







AWEF = 7.6 for R404A/R507/R407A/R448A/R449A. Non-compliant DOE NRCAN model for all other refrigerants

NATIONAL REFRIGERATION AND BLP209MA-S1D AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 LOW PROFILE BRANTFORD, ON CANADA N3T 5Y6 **EVAPORATOR** PURCHASER: SUBMITTED BY: Laura Craig PROJECT : South Middle School Lancaster SC DATE : 11 Oct 2022 ORDER #: 06338.58290.00469-A00 ITEM #: 3 QUOTE #: Q10EULCB-A ID #: PURCHASER'S PO #: TAGGING: **MODEL FEATURES** 3/8" Tubing coil construction (reduces · Hinged drain pan with central universal ECM with SmartSpeed Technology refrigerant operating charge) drain connection (3/4" drain) High efficiency enhanced copper tube Factory installed solenoid valve wire · Front access to spacious electrical and and aluminium fin coil design harness header compartments • 6 FPI Heavy gauge textured aluminum · Schrader connection on suction header AWEF = 9.0 cabinet construction resists · Attractive and durable high density • Unit Cooler is AWEF/NRCAN compliant scratches/corrosion polyethylene fan guards Spacious piping end compartment Ultra efficient Electronically R404A/R507/R448A/R449A/R407A/R407 allows for easy assembly Commutated Motor (ECM) MODEL OPTIONS (* = Shipped Loose) PRE-ASSEMBLED EVAP **EXPANSION VALVE** LIQUID LINE SOLENOID VALVE Sporlan SmartVap+ with EEV + SolvIv Sporlan TXV Sporlan TXV, LLSV, T-stat Sporlan EEV Dual Voltage Coil 120-230V Field KE2 Evap Efficiency w/Sporlan EEV EEV for SmartVap+ Wired **Evaporator Disconnect Switch** Nitrogen Charged and Sealed *KE2 Evap Efficiency w/Sporlan EEV **Aux Sideport Connector EVAPORATOR PRISON PACKAGE** ROOM THERMOSTATS Mechanical CABINET FINISH Tamper Proof Screws Painted White **Export Crating** *Mechanical COIL COATING *Johnson A19ABC Stainless Steel SENSORS FOR CPC BOARDS E-Coat *Johnson A421ABC-02C Coil Temp Sensor **FIN MATERIAL** Johnson A421ABC-02 Return Air Temp Sensor Wire Fan Guards Gold Coat Fins **DEMAND DEFROST ELECTRONIC** REMOTE DEFROST PANEL Copper Fins CONTROLLER *230V Control Insulated Drain Pan KE2 Therm Evaporator Efficiency *115V Control **KE2 THERM** INSTALLATION REQUIREMENTS *KE2 Therm Evaporator Efficiency *CAT5e Shielded Cable - 50ft **Dual Circuit** Minimum slope of 1" per foot on all w/connectors **ELECTRONIC CONTROLLER** 40' Leads on Sensors + Transducers drain lines Ethernet Adapter Kit 1 P-trap per evap required outside of KE2 Temp+Defrost SmartVap+ Control Board and *Remote Combo Display box Display Liquid / Suction Heat Exchanger VOLTAGE SYSTEM REFRIGERANT AIR FLOW EVAP, TEMP **BOX TEMP** CAPACITY 115/1/60 R404A 26.9 °F 6866 BTUH 1500 CFM 35 °F **FANS HEATERS** CIRCUIT TOTAL QTY POWER FLA/FAN TYPE QTY AMPS AMPS WATTS MCA† MOP# 0.07HP 1 2 120 2.3 15 DISTRIBUTOR SOUND REC CAPACITY APPROVALS 3/8 in SUCTION 7/8 in WEIGHT 70 lb REF CHARGE 1 lb c(YL)us Œ NOTES: † MCA.. Minimum Circuit Ampacity, ‡ MOP.. Maximum Overcurrent Protection

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change

APPROVED BY:

21

DATE:



AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BLP209MA-S1D

LOW PROFILE **EVAPORATOR**

CANADA NOT STO	LVAFORATOR
PURCHASER :	SUBMITTED BY: Laura Craig
PROJECT : South Middle School Lancaster SC	DATE: 11 Oct 2022
ORDER #: 06338.58290.00469-A00	ITEM # : 3
QUOTE # : Q10EULCB-A	ID #:
PURCHASER'S PO # :	TAGGING:

SELECTED OPTION DESCRIPTIONS

Expansion Valve - Sporlan TXV

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

Installation Requirements - Minimum slope of 1" per foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

Installation Requirements - P-trap per evap required outside of box

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

Liquid Line Solenoid Valve - Sporlan

Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

Pre-assembled Evap - Sporlan TXV, LLSV,T-stat

Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

Room Thermostats - Mechanical

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

Order Item No: 3

BLP209MA-S1D

LOW PROFILE EVAPORATOR

DATE: 11 Oct 2022

PURCHASER :

PROJECT : South Middle School Lancaster SC

by NATIONAL REFRIGERATION at its home office.

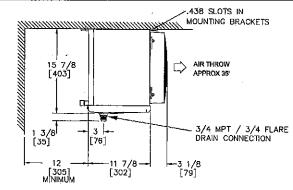
SUBMITTED BY: Laura Craig

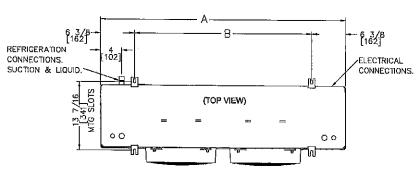
Dimensions shown are for standard unit less

options.				
DIMENS	SIONS			
DIMENSION A	46 1/4 in			
DIMENSION B	33 1/4 in			
DIMENSION C				
DIMENSION D				
DIMENSION E				
DIMENSION F				
DIMENSION G	0 in			
DIMENSION H				

CONNECT	TIONS	
DISTRIBUTOR	3/8 in	
SUCTION	7/8 in	
DRAIN	3/4 in	
WATER		
DISCHARGE		
PAN LOOP		
HOT GAS SIDE PORT		
HOT GAS INLET		
HOT GAS OUTLET		
OTHE	R	
SHIPPING WEIGHT	70	lb
REFRIGERANT CHARG	SE 1	lb
RECEIVER CAPACITY	7	

APPROVALS									
c (V) US									
INTES:									





PAGE 7 OF 21

Freezer LOAD CALCULATION





Application	Gener	al Walk-in	Freezer		- messagin (control mes) you like	Loca	tion	Indoor		and the control of th		generalistic Parallel Parallel	
Internal Temp		10 °F	Internal RH	959	%		l Temp		F	External RH	_	55%	
Wall Load	1,96	53 BTUH	Infiltration	2,063 E	3TUH	Prod	ucts	175 B	ГИН	Miscellaneous	7	67 BTUH	
		40%		429	%			4%				15%	
· 作職等 [4]	GEOGRAPIA GEOGRAPIA		WA	LL, FLO	OR AND	CEILI	NG LOA	NDS				医肝脏性炎	
Section		Constru	ction	Thicknes	K Fact	tor R	Value	Ext Temp (°F)	Dim 1 (ft)	Dim 2 (ft)	Area (ft²)	Load (BTUH	
Rear	Ur	ethane, Star	dard panels	4,000	0.14	1 2	8.57	35.0	11.70	8.50	99	157	
Right End	Ur	ethane, Stan	dard panels	4.000	0.14	1 2	8.57	85.0	9.80	8.50	64	212	
	<u> </u>	Doo					5.00	85.0	3.00	6.50	20	123	
Front		ethane, Star		4.000			28.57	85.0	11.70	8.50	99	331	
Left End		ethane, Star		4.000	0.14	1 2	28.57	85.0	9.80	8.50	83	277	
Floor		On Gr		10.000			2.32		11.70	9.80	115	482	
Ceiling	Ur	ethane, Stan	dard panels	4.000	0.14	1 2	8.57	85.0	11.70	9.80	115	381	
			VOLUME (ft ³)	975			TOT	AL WALL,	FLOOR A	ND CEILIN	G LOA	D 1,963	
		i de la	NFILTRATION	LOAD:	ESTIMAT	TED BY	/ VOLU	ME AND L	SAGE	71.2.2. 强菌		Copy of the last	
Box Usage	In	ternal Tem (°F)	p Internal (%)	Rh E	xternal (°F)		医四膦酸 的 的现在分词 有种的人类 医二氯化异物		Ventilation (CFM)		Load (BTUH)		
Regular		-10	95		85		1	55				2,063	
4.5人数第794Y		如 推场销售		PF	RODUCT	LOADS			Targer Spots	多0/40 劉德		AH Wall	
4 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	40.0000 0.0000 0.000	The later of the season of the season of	ASSESSED OF STREET	anne de age, g	Weigl	ht l	Enter T	Temp Fin	al Temp	Pull Dow	<u> </u>	Load	
		Type			(lb)		(°F		(°F)	(hrs)		(BTUH)	
Gen	eral, Mixe	ed Products,	Approximation		975		0.0)	-10.0	24		175	
TC	TAL PR	ODUCT WE	IGHT (lbs)		975	i		-	TOTAL PI	RODUCT LO	AD	175	
	arya nen e. Menakana			MISCI	ELLANEO)US LO	ADS		STATE				
Quantity			Description			Powe		er Units		Run Time (hrs)	- 1	Load (BTUH)	
			LIGHTING				1		W/ft²	24		391	
2		E	VAPORATOR MOT	ORS			60		W	22		375	
			有動物。		1 DESIG	and of the second second	Section Calls	TOTAL N	/ISCELL/	ANEOUS LO	AD	767	
		<u> </u>		会从的影响的 是是	days about 16	N SUM	MAKY			The second section of the second section of the second section	朝廷 法		
Design Load (BTUH)	Safety Factor	I INAC	(Hours)	Capad Requi	ired Re	efriger	ant l	Line Frequency (Hz)	Design (°F)		oss T	Condense Ambient (°F)	
4,967	10%	5,464		7,28	-	R448/	1	60	10	0.5		105	
第二人籍 5		Alfanick	. SY	STEM E	QUIPME	NT SEI	LECTIC	N				317747	
Equipment ⁻	Гуре	Quantity	Model Nu	90(10000 L.)		agather the gatter	1016501500	cription	arti i Primatucida	Voltag	е	Rating (BTUH)	
Condensing 1	Unit	1	BEZA025L8	B-HT3D	E	Z-Line	Scroll, C	Condensing	Jnits-Air	208-230/3	3/60	(2.0.1)	
Evaporato		1	BLP209LE				,	e, Evaporat		208-230/1			
				SY	STEM BA	ALANC	E			24 LEW			
Fan Lo	ad (BTU	H)	Suction Te	<u> </u>		Ev		tor TD (°F)		System Ca	<u> </u>	(BTUH)	
			-19	.4			{	8.9	1	8	,441		

NATIONAL REFRIGERATION AND BEZA025L8-HT3D AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020 **EZ-LINE SCROLL** BRANTFORD, ON CANADA N3T 5Y6 CONDENSING UNITS-AIR SUBMITTED BY : Laura Craig PURCHASER: PROJECT: South Middle School Lancaster SC DATE: 11 Oct 2022 ORDER #: 06338.58290.00469-A00 ITEM # : 4 QUOTE #: Q10EULCB-A ID # : PURCHASER'S PO # : TAGGING: **MODEL FEATURES** 3/8" Tubing coil construction (reduces · Fan motors are inherently protected · Weatherproof electrical control box with refrigerant operating charge) with internal overloads compressor contactor and fused control circuit Anti-short cycle time delay · Pre-formed piping · Welded hermetic Scroll compressor Adjustable pressure fan cycling control · Receiver with fusible plug and liquid Adjustable low pressure control with flex on 2 fan models only shut off valve hose / fixed high pressure control · Copper tubing secured with cushion · Suction Service valve · High efficiency enhanced copper tube and · Adjustable flooded head pressure clamps aluminium fin coil design Crankcase heater control (unless otherwise indicated) · Compatible with Low GWP Refrigerants Discharge line temperature sensor · Units are shipped with Helium holding · Outdoor weatherproof pre-painted steel Fan Guard charge cabinet MODEL OPTIONS (* = Shipped Loose) OPTION PACKAGES DEFROST KIT LIQUID LINE FILTER + SIGHT GLASS (USE W/KE2 EVAP EFF) Small B (Good@Warm/Moderate) Sealed Up to 30A per Evap Small N (Better@Warm/Moderate) Replaceable 35A to 50A per Evap Small P (Best@Warm/Moderate) Liquid Line Lock-Out Relay Small D (Good@Moderate/Cold) Over 50A per Evap LIQUID LINE SOLENOID VALVE Discharge Air Hood Small J (Better@Moderate/Cold) *Standard 230V Coil Discharge Line Check Valve Small Q (Best@Moderate/Cold) *Standard 115V Coil Discharge Line Temperature Sensor Small K OIL SEPARATOR DISCONNECT SWITCH Small H With Oil Filter and Solenoid Fused **ELECTRIC DEFROST KIT** One Time Pump Down Non-Fused DFK-02 Oversized Receiver **EC FAN MOTORS + SPEED CONTROLLER** 115V Control Circuit PHASE / VOLTAGE MONITOR SmartSpeed ADJUSTABLE PRESSURE CONTROLS 3-Lead **ELECTRONIC PRESSURE CONTROL** Johnson Dual with flex hose 6-Lead (MotorSaver455) Low Pressure Control Separate High/Low Pump Down Toggle Switch High Pressure Control Separate High/Low: MAN Reset on HP QuickVac Valves Export Crating BALL VALVE Receiver Inlet Ball Valve EXTENDED 4-YEAR COMPRESSOR *Liquid Line Single Point Electrical WARRANTY Liquid Line Sub Cooling Circuit Copeland *Suction Line SUCTION ACCUMULATOR

VO	LTAGE		S	YSTEM REFRIC	SERANT		RATING		SUCT	ION TEMP	AMBIENT	TEMP	CAPA	CITY
208-2	230/3	/60	R448A		2.5Hp		-19.4 °F		105 °F		8441	BTUH		
		FANS			COMPRESSOR						CIRCUIT	TOTAL		
QTY	PO	WER	FLA/FA1	V T	YPE	QTY	RLA		LRA	AMPS	WATTS	MCA	† N	10P‡
1	24	10W	1.1	ZF08k	(4E-TF5	1	9.6		63	10.7		13.:		20
LIQU	ID	3/	/8 in	SOUND	-		REC CAPACI	ΙΤΥ		14 lb			APPRO	OVALS
SUCTI	ON	7/	/8 in	WEIGHT	335 Ib)	REF CHARG	3E		6 lb			_	
NOTES	:					,							€(ŲL)∪S	
† MCA	Mini	mum Ci	rcuit Ampa	city, # MOP N	laximum Ove	ercurre	nt Protection							

MCA & MOP are for the condensing unit ONLY. Single point connections WILL show different on dataplate.

Extended Leg Kit

COIL COATING

FIN MATERIAL

Copper Fins

Gold Coat Fins

Stainless Steel

Hail Guard for Condenser

HOUSING MATERIAL

Insulated Suction Line

Heated and Insulated Receiver

E-Coat

Suction Line

CONTACTORS

30A Contactor

40A Contactor

60A Contactor

To Suction Line

To Inlet of Evaporator

Tamper Proof Screws

Compressor Circuit Breaker

Crankcase Pressure Regulator

CAPACITY CONTROL - HOT GAS BYPASS

CONDENSING UNIT PRISON PACKAGE

AWEF = 3.15 for R404A/R507/407A/R448A/R449A. Non-compliant DOE NRCAN model for all other refrigerants

APPROVED BY:

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change

made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

With Heat Exchanger

SUCTION FILTER

Replaceable Core

Paradon 8145 Style

Less Flooding Valve(s)

*230V Paragon 8145 Style

*115V Paragon 8145 Style

Sealed Type

TIME CLOCK

Wind Guard

Without Heat Exchanger

Bally

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BEZA025L8-HT3D

EZ-LINE SCROLL CONDENSING UNITS-AIR

PURCHASER: SUBMITTED BY: Laura Craig

PROJECT: South Middle School Lancaster SC
ORDER #: 06338.58290.00469-A00
ORDER #: Q10EULCB-A

PURCHASER'S PO #:

CONDENSING ONTIS-AIR

SUBMITTED BY: Laura Craig

DATE: 11 Oct 2022

ITEM #: 4

ID #:

PURCHASER'S PO #:

TAGGING:

SELECTED OPTION DESCRIPTIONS

Electric Defrost Kit - DFK-02

Electric Defrost Kit includes:

Mechanical Time Clock:

Time initiated temperature terminated with a timed failsafe.

Contactors:

Three pole definite purpose, 230V or 115V coil as defined by the control circuit voltage

HtrCont1x 40A

Fuse Blocks:

1x 30A (2P) Class CC

Liquid Line Filter + Sight Glass - Sealed

Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

Option Packages - Small B (Good@Warm/Moderate)

LLFD+SG

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

21



159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

Order Item No: 4

BEZA025L8-HT3D

EZ-LINE SCROLL CONDENSING UNITS-AIR

DATE: 11 Oct 2022

PURCHASER:

PROJECT : South Middle School Lancaster SC

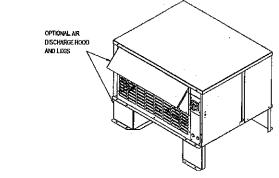
SUBMITTED BY : Laura Craig

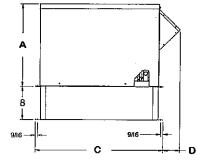
Dimensions shown are for standard unit less

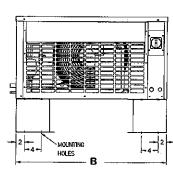
optio	options.								
DIMENSIONS									
DIMENSION A	19 7/8 in								
DIMENSION B	36 3/8 in								
DIMENSION C	30 3/8 in								
DIMENSION D	4 in								
DIMENSION E									
DIMENSION F									
DIMENSION G	0 in								
DIMENSION H									

_	
CONNECTI	ON5
LIQUID	3/8 in
SUCTION	7/8 in
DRAIN	
WATER	
DISCHARGE	
PAN LOOP	
HOT GAS SIDE PORT	
HOT GAS INLET	
HOT GAS OUTLET	
OTHER	t .
SHIPPING WEIGHT	335 lb
REFRIGERANT CHARGE	6 lb
RECEIVER CAPACITY	14 lb

APPROVALS									
c (UL) us									
OTES:									







AWEF = 3.15 for R404A/R507/407A/R448A/R449A. Non-compliant DOE NRCAN model for all other refrigerants

NATIONAL REFRIGERATION AND

BLP209LE-S2D

S B	CHY 159 BR/	P ROY BLVD, PO BOX ANTFORD, ON		IADA CORP.	•			LOW PR					
	CAI	NADA N3T 5Y6				EVAPORATOR SUBMITTED BY: Laura Craig							
	PURCHA:	SEK : ECT : South M	iddla Caba	al I angasta									
		R # : 06338. 5			30		EM # :	11 Oct 2022	۷				
		E # : Q10EUL		109-AUU		11	ID # :						
PI	JRCHASER'S P		CD-A			TAG	GING:						
, ,	, KON, ISEKS I	<u> </u>		моі	DEL FEA	ATURES	OING .						
refrigerar Factory harness Heavy construct Spaciou for easy PRE Sm 1 Spo KE:	nt operating characteristics are installed solen gauge textured it installed solen gauge textured it in resists scraus piping end cassembly -ASSEMBLED textured it in the influent TXV, LLS 2 Evap Efficier 2 Evap Efficier 2 Evap Efficier 2 Evap Efficier 3 Evap Efficier 5	aluminum cabi atches/corrosion ompartment alle EVAP EEV + Solviv SV,T-stat acy w/Sporlan acy w/Spo	dra • F hea • S • A pol MO TXV EEV 1 TXV EEV 2 TXV EEV 2 TXV EEV 2 TXV TXV EEV 2 TXV TXV EEV 2	inged drain in connection ront access to a compart chrader compart chrader connective and yethylene far in the context of the	pan with n (3/4" of spacio to spacio di durable n guards NS (*: IC CON' + Contro N VALV XV EV martVap TOOF Screeting TING RIAL Fins ns Drain Pa 1 toors on Sens Adapter I Combo D Combo D	central unividrain) cus electrical con suction he chigh density = Shipped L TROLLER col Board and E + SON PACKA ews Cable - 50ft cors + Transd Kit	and ader oose)	I Sporlar Dual Vol Wired Nitroger ROOM T Mechar *Mecha *Johnso Johnso Johnso Wire Fai *230V *115V INSTALI Minimu drain lii P-trap box	I Motor (EC SmartSpeed ency enhance im fin coil of r is AWEF/N R507/R448 LINE SOLI In Charged HERMOST Dical enical enical enical on A19ABC on A421ABC on Guards E DEFROST Control Control LATION RE mes per evap re	M) I Techniced copilesign IRCAN A/R444 ENOID 120-2: and S ATS C-02C -02 PANE EQUIR 1" per equired	complia DA/R40 VALV VALV 30V Fidealed	eld rs n all e of	
	LTAGE	5151	EM REFRIC	EKANI		AIR FLOW		VAP. TEMP	BOX TE		CAPA		
∠∪8-2	230/1/60 FANS		R448A	L	HEATERS	1410 CFM		-18.9 °F	-10 °		8441	DIUH	
QTY	POWER	FLA/FAN	T	YPE	QTY	AMPS		AMPS	CIRCUIT WATTS	MCA		10P#	
2	0.07HP	0.6	 '	11 -	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	VGIES		1.2	120	1.4	-	1.5	
	2.07111		DEFRO	ST HTRS	 	8.2			1890	10.3		15	
DISTRIB	UTOR 3	/8 in	SOUND	-	' 	REC CAPACI	ΤΥΙ	<u> </u>		201	APPRO		
SUCTI			WEIGHT	80 lb		REF CHARG		2 lb	 				
NOTES	:	ircuit Ampacity		Maximum Ov	/ercurrei		•				c (i) us	HSF	
APPRO	VED BY:							ı	DATE :		· · · · · · · ·		
Арр		rawing signifies by any persor										је	

AIR CONDITIONING CANADA CORP. 159 ROY BLVD, PO BOX 2020

NATIONAL REFRIGERATION AND

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON

BLP209LE-S2D

LOW PROFILE

CANADA N3T 5Y6	EVAPORATOR					
PURCHASER :	SUBMITTED BY: Laura Craig					
PROJECT : South Middle School Lancaster SC	DATE : 11 Oct 2022					
ORDER # : 06338.58290.00469-A00	ITEM # : 5					
QUOTE # : Q10EULCB-A	ID #:					
PURCHASER'S PO # :	TAGGING:					

SELECTED OPTION DESCRIPTIONS

Expansion Valve - Sporlan TXV

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

Installation Requirements - Insulated drain line requires heat - 20W/ft

Freezer condensate drain lines must be insulated and heated with a minimum of 20 watts per foot.

Installation Requirements - Minimum slope of 1" per foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

Installation Requirements - P-trap per evap required outside of box

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

Liquid Line Solenoid Valve - Sporlan

Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

Pre-assembled Evap - Sporlan TXV, LLSV,T-stat

Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

Room Thermostats - Mechanical

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch, May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

Order Item No: 5

BLP209LE-S2D

LOW PROFILE EVAPORATOR

DATE : 11 Oct 2022

PURCHASER:

PROJECT: South Middle School Lancaster SC

SUBMITTED BY : Laura Craig

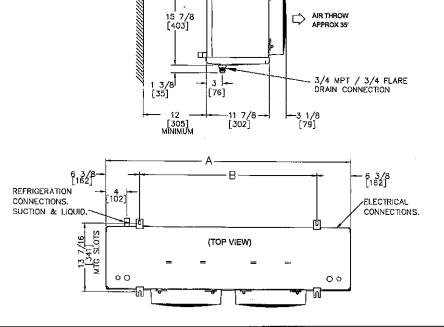
438 SLOTS IN MOUNTING BRACKETS

Dimensions shown are for standard unit less

DIMENSIONS										
DIMENSION A	46 1/4 in									
DIMENSION B	33 1/4 in									
DIMENSION C										
DIMENSION D										
DIMENSION E										
DIMENSION F										
DIMENSION G	0 in									
DIMENSION H										

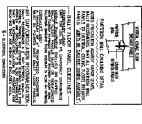
CONNEC	TIONS				
DISTRIBUTOR		3/8 in			
SUCTION		7/8 in			
DRAIN		3/4 in			
WATER	ATER				
DISCHARGE					
PAN LOOP	PAN LOOP				
HOT GAS SIDE PORT					
HOT GAS INLET					
HOT GAS OUTLET					
OTH	ER	•			
SHIPPING WEIGHT		80 lb			
REFRIGERANT CHARGE 2 lb					
RECEIVER CAPACIT	Ϋ́				

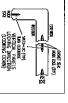
APPROVALS								
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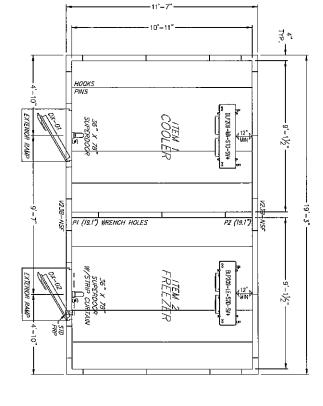
PAGE 14 OF 21







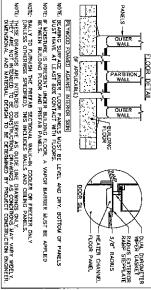




PLAN VIEW ⊳

1

SCALE: 3/8" = 1' - 0"



GENERAL NOTES

NOTE: BALLY TO FURNISH (4) 48" L.E.D. LIGHTS. LIGHTS SHIPPED LOOSE AND MOUNTED AND WIRED BY OTHERS. (LIGHT SWITCH (12) AMPS MAX).

SMARTVAP+ REFRIGERATION REQUIRES TWO SEPARATE POWER SOURCES; ONE TO THE CONDENSING UNIT AND ONE TO THE SMARTVAP+ EVAPORATOR.

Attachment E-2 - Revised SPECIFICA TIONS

19'-3" X 11'-7" X 8'-6"

INSTALLATION

- INDOOR LOADING HEIGHT AT LEAST 18" OF OPEN SPACE MUST BE MAINTAINED BETWEEN TOP OF PRODUCT AND CEILING PANELS

- INSULA TION
- POURED IN-PLACE POLYURETHANE FOAM
 BALLY PANELS AND DOORS ARE CERTIFED COMPLIANT
 MITH CURRENT FEDERAL DOE RECULATIONS FOR WALK IN
 COOLERS & FREEZERS

EXTERIOR FINISH

BALLY PANELS AND DOORS EXCEED MINIMUM A-VALUES* FOR COOLERS (MINIMUM R-23, EXCLUDIC FLORES), AND FREEZERS (MIN. R-32, EXCEPT FLORES), WHICH R FLORE MIN. R-28) */MHEN TESTED PER ASM, C518 TO FEDERAL REG. 431,304

- EMBOSSED GALVALUME
- INTERIOR FINISH
- EMBOSSED GAL VALUME

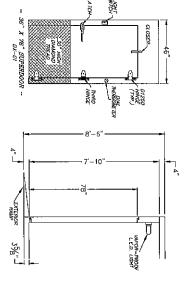
FLOOR FINISH

- (INTERIOR) 1/8" ALUMINUM DT W/ 1/2" PLYMOOD UNDERLAY (EXTERIOR) EMBOSSED CALVALUME
- DOORS/ACCESSORIES
- (2) 36" X 78" RIGHT SWING HINGED WALK-IN DOOR
- SUPERDOOR: SED HINCE, DT INT & EXT 30"H

 PRO
 STRIP CURTAIN (DX-02)

 EXTERIOR RAMP
- REFRIGERATION BY BALLY (CONDENSING UNIT MOUNTED OUTDOORS)

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Ş	£521	2		2.5	ĺ	.75	d'H
CHA	8	N3GW		BAAB		13111	8F67 TYPE
■ ALL SPECIFICATIONS LISTED ABOVE ARE FOR INDIVIDUAL.	* FREEZER CONDENSATION DRAIN LINES MUST BE HEATED, INSULATED AND TRAPPED INDIVIDUALLY, BY OTHERS	ALL CONDENSATION DRAW LINES MUST BE SLOPED AT LEAST 1:12. 1- 12.	81.P2091.E-S20-SY+ 208-230	BEZA025-18-HT308	81.P209141-S10-SV+	BEZ/007-H8-H/308	MODEL NUMBER
E ARE FOR MOS	INES WUST BE I	MUST BE SLOPE	208 230/1/60	208-230/3/60	115/1/60	208-250/3/60	SUPPLY SUPPLY
100	16.77	a A		9.6		4.8	ESS.
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	VON OBJAK	23	1890				DEFROST
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	Y. BY	W	103	131	2,5	7.0	NO.
l	HIO.	MSTALLATION	2	20	15	15	SSS
	EKS.	ğ	,,,	٦	0	0	Clifpt



THRU ENTRANCE D SCALE: 3/8" = 1' - 0" DOOR SHEET 1 OF 2

	REV DESCRIPTION			BALLY REFRIGERATED BOXES INC., PROVIDES PANELS FREQUENTLY SPECIFIED BY OTHERS, AND IS NOT RESPONSIBLE FOR THE SELECTION OR RECOMMENDATION BY OTHERS OF THE PANEL FINISH FOR ANY BUILDING OR WALK-IN APPLICATION.	THE DRAWINGS AND SPECIFICATIONS DESCRIBE A BUILDING ASSEMBLED FROM BALLY PANELS INSULATED WITH URETHANG FORMED-IN-PLACE. THE SIZE AND SHAPE IS THAT WHICH MOST CLEARLY MEETS DIMENSIONS SUBMITTED BY THE USER.	SALLY REFRICERATED BOXES INC IN PREPARING THESE DRAWINGS AND SPECIFICATIONS, DOES NOT ASSUME ANY TOR THE SUCCESSIVEL COMPLETION OR USAGE OF THE STRUCTURE DESCRIBED.	THEY HAVE BEEN PREPARED SOLELY FOR THE CHIDANCE OF REGISTERED ARCHITECTS AND ENGINEERS AND FOR THE LOCAL MISTALLERS. IT IS THE RESPONSIBILITY OF THE PROJECT ARCHITECT OR ENGINEER TO ASSUME THE BULLDING LOCAL MISTALLERS. IT IS THE RESPONSIBILITY OF THE PROJECT ARCHITECT OR ENGINEER TO ASSUME THE RULLDING LOCAL CORE AS A NY WILL AS ANY WORM PERFORMED BY THE CORE.	IMPORTANT — PLEASE READ THESE DRAWNES ARE NOT TO BE CONSIDERED AS APPROVED BY LOCAL OR STATE BUILDING AUTHORITIES. THEY HAVE BEEN PREVAMED SOCIETY FOR THE COUNTY OF REGISTERS AND FOR THE COUNTY OF		
	- - -			FQR	HANE USER	XII C	ASSISTANCE OF COLUMN LINES TO RECOUNT ACTOR.			
	DATE			Ħ		SIMIL				
	P. P.	DRAWN BY RCB	DRAWNC			FOR	REFRICERA	ζ.		
	DATE.	RCB	2751AC		HIDOS		BENEFICIAL PROPERTY OF THE PARTY OF THE PART			
- A.B.					MIDULE			PHONE: (252) 240-2029		
	2751		DATE 09/08/22		SOUTH MIDDLE SCHOOL	2	BALLY (PA GERGE) 20 ADMEN FROM TS. DALLY PA 19903 PRIDNE: (500) 702-2210 PAIN: (500) 702-2211			

THIS DRAWING AND ALL INFORMATION SHOWN
HERROW ARE INFERENCE PROPERTY OF
BALLY REFRICERATED BOXES INC. ARE
SUBMITTED OUT ON A CONFIDENTIAL BASIS.
THE RECORDENT AGREES NOT TO REPRODUCES.
THE RECORDENT AGREES IN TO THE DRAWING OF THE DRAWING OF THE DRAWING OF THE DRAWING OF THE NORMATION SHOWN HEREON WILL BE
WADTEN CONSENT FROM BALLY REFRIGERATED
BOXES INC.

NOTE — THIS ORDER WILL NOT BE SCHEDULED FOR PRODUCTION UNTIL RECEIPT OF APPROVED DRAWNGS BY BALLY. THIS DRAWNG HAS BEEN CAREFULLY CHECKED BY OUR DRAFTING DEPARTMENT. HOWEVER, ERRORS OF INTERPRETATION CAN OCCUR. "HEREFORE, BEFORE YOU RETURN DRAWNG MARKD ACKNOWLE BE CERTAIN THAT YOU CHECK THEM CAREFULLY."

PLEASE READ

RESTRICTED, CONFIDENTIAL DOCUMENT.

SIGNED DATE

SIGNED APPROVAL



Specifications

CULINARY SOLUTIONS

Project

South Middle School

From

Swanson-Girard & Assoc.

Becky Jersey

10420 Southern Loop Blvd.

Pineville, NC 28134

(704)521-8811

(888)521-0778 0000 (Contact)

(704)521-8801 (Fax)

bjersey@swanson-girard.com

ITEM Combo SHELVING, WITH METAL FRAME (4 REQ'D)

Cooler -

Metro Model PR2448NK3 Dimensions: 48(w) x 24(d)

Super Erecta Pro™ Shelf, 48"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

8 ea Model PR2460NK3 Super Erecta Pro™ Shelf, 60"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves,

attaches to Super Erecta® round posts, NSF

12 ea Model PR2442NK3 Super Erecta Pro™ Shelf, 42"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves,

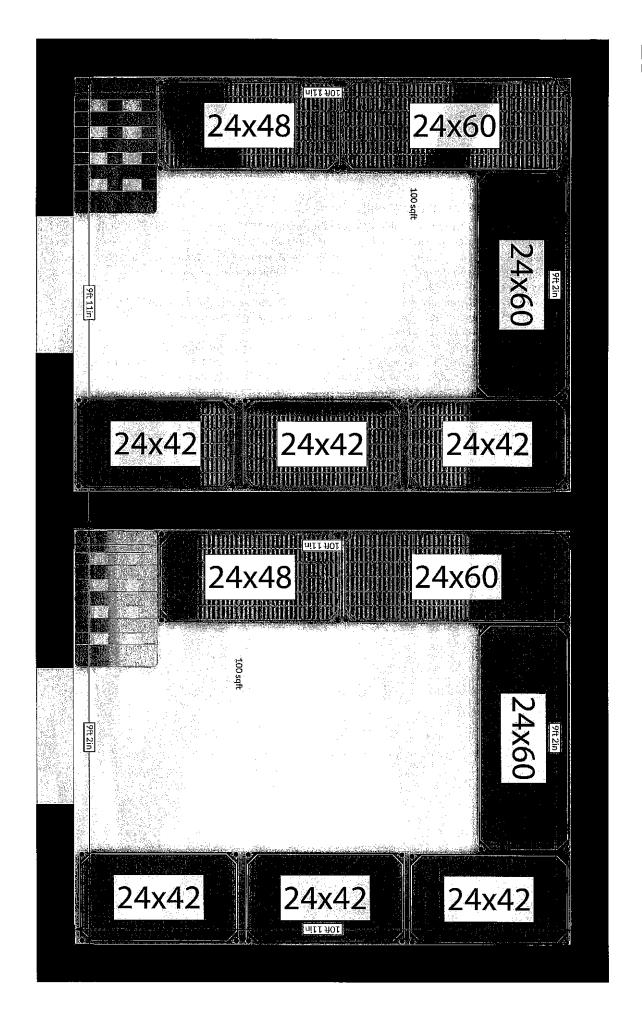
- attaches to Super Erecta® round posts, NSF
- 24 ea Model 74PK3 Super Erecta® SiteSelect™ Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection
- 1 ea Model HP2236PD Metro Bow-Tie™ Dunnage Rack, 22" x 36" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF

ITEM Combo SHELVING, WITH METAL FRAME (4 REQ'D) Freezer -

Metro Model PR2448NK3 Dimensions: 48(w) x 24(d)

Super Erecta Pro™ Shelf, 48"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

- 8 ea Model PR2460NK3 Super Erecta Pro™ Shelf, 60"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF
- 12 ea Model PR2442NK3 Super Erecta Pro™ Shelf, 42"W x 24"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF
- 24 ea Model 74PK3 Super Erecta® SiteSelect™ Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection
- 1 ea Model HP2236PD Metro Bow-Tie™ Dunnage Rack, 22" x 36" x 12"H, slotted, with separate polymer tie for joining racks, corrosion proof polymer construction, NSF







Bally Refrigerated Boxes, Inc. Morehead City, NC 28557 (800) 242-2559

Quote No: Item No:

2751-002-R03-LC

Last Update:

10/12/2022

Revisor:

Laura Craig

To: All Bidders

Attn:

Job Name:

South Middle School

Date:

10/12/2022

10/3/2022

From:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

PVD:

Pineville, NC 28134

Phone:

Fax: (704)521-8801

NSF APPROVED

Box Shape

Indoor Structure

Bally Prefabricated Exterior Dimensions:

9'-8"(1) x 6'-9½"(w) x 7'-6"(h)

1 Compartments 1 Tiers

With Floor 4" Floor

Ceiling: Single Span

Panel Thickness:

4 in. Exterior Vertical Used (6'-10") with 4 in. Floor, 4 in. Ceiling

Details on Following Page(s)

NOTE: Freight shown is an estimate based on current published rates. A fuel surcharge will be added and changes continuously.

Walk-in Price:

Refrigeration Price:

Total Price (FOB Plant)

(Less Refrig. Warranties):

Estimated Freight:

Optional Warranties:

(not included in Total Price)

(1) 00 1/2 HP System (5 yr. Parts, 1 yr. Labor)

Payment terms and conditions are available upon request.

This quotation was based on information supplied to us which may or may not have been complete. Customer is responsible for reviewing this quotation for exclusions, deviations, and any improper information supplied to us.

Signature:	
	Laura Craig
Date:	

We are not responsible for the selection or recommendation of the panel finish for any building or walk-in application.

NOTE: Quoting Bally standard specifications, sizes, and finishes.

This quotation is good through 11/26/2022

Act of 2007 (Public Law 110-140) Title III; Section 312, regarding Walk-In Coolers and Walk-In Freezers.



Bally Refrigerated Boxes, Inc. Morehead City, NC 28557 (800) 242-2559

Quote No: Item No:

Job Name:

2751-002-R03-LC

South Middle School

Last Update:

10/12/2022

Revisor:

Laura Craig

To:

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Date:

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10/12/2022

PVD:

10/3/2022

From:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Indoor Structure

Attn:

NSF APPROVED

Bally Prefabricated Exterior Dimensions:

9'-8"(1) x 6'-91/2"(w) x 7'-6"(h)

1 Compartments 1 Tiers

With Floor 4" Floor

Ceiling: Single Span

Panel Thickness:

4 in. Exterior Vertical Used (6'-10") with 4 in. Floor, 4 in. Ceiling

Details and specifications for Quote No:

2751-002-R03-LC

Comments:

Base Finish

Vertical and Ceiling Panels: Embossed Galvalume (26 GA)

Special Finishes:

Interior Floor - Aluminum Treadplate .125" Thick

Doors/Openings:

Wall 2 Door 1

(1) 36" x 78" Hinged Door In a 46"

Wall 2 Door 1

(1) Super Door 36" Wide and Under, 30" High

Accessories and Extras:

(1) 48" LED KEIL 48x754-CL-N Light

- 40° F to 100° F(Range)

(1) To be installed in 4" Depression Below Finished Floor

Floor Options:

(70) S/F 1/2" Plywood Foamed in Panel

Refrigeration:

(1) BEHA-006-M8-HS2D 208-230/1/60 R448A & R404A - 6200 BTU/h

(1) BLP107-MA-S1D 115/1/60 1 Fan 7000 BTU/h

(1) Refrigeration is calculated for standard use at a box temperature of 35° F. with a condensing unit ambient of 105° F.

(1) The refrigeration is calculated for a line run of less than 50'

(1) Time Clock 8145 (shipped loose) 115/1/60

Estimated Shipping:

Weight:

2,222.42

Destination:

Lancaster, SC, 29720



Bally Refrigerated Boxes, Inc. Morehead City, NC 28557 (800) 242-2559

Quote No: Item No:

Job Name:

2751-002-R03-LC

Last Update:

10/12/2022

Revisor:

Laura Craig

To: All Bidders

Attn:

Date:

South Middle School

PVD:

10/3/2022

10/12/2022

From:

Laura Craig

Swanson-Girard & Associates 10420 Southern Loop Blvd

Pineville, NC 28134

Phone:

Fax: (704)521-8801

Deviations (Alternates, Remarks, Clarifications, Etc.):

Bally Floor Panels are capable of supporting up to 800 lbs. Per Sq/Ft uniformly distributed stationary loading. Bally does not recommend the use rolling loads of heavy carts, pallet jacks or fork lifts on top of the floors. Warranty for floors subjected to this type of use would not be covered by Bally.

Exclusions (Items Not Supplied by Bally):

✓	Shelving, Racks, Interior Accessories	✓	Caulking and Sealants
	Labor on Warranties		Refrigeration Systems
V	Alarm Systems	☑	Refrigeration Accessories
✓	Supervision	Ø	Closure Panel and Trim
☑	Tubing, Wiring for Rfg. Equipment	☑	Sleeves, Penetrations, Escutcheon Plates
✓	Compressor Rack	Ø	Floor Insulation and Vapor Barrier

Cancelled Orders: Cancelled unshipped standard walk-ins will be charged a 30% restocking fee plus the cost of special panels. Cancelled refrigeration systems will be charged a 30% restocking fee and the cost of any freight accrued. Buy-out items will be charged a 25% restocking fee plus any freight

Agency Ratings: Bally units comply or surpass applicable Flame Spread-25, UL, UL 723, & NSF standards in a manner conforming to ASTM E-84, and Factory Mutual standards.

Quotation Limitations: This quotation was based upon the specifications given to Bally which may possibly be incomplete. Bally is not responsible for items missing from the quotation due to incomplete or excluded items in the specifications received from the customer. The customer is responsible for reviewing the quotation for omissions or deviations from the specifications given to Bally. All portions of the quotation are subject to revision upon receipt of detailed specifications or if changes are made following the delivery of the original quotation. Quotations expire on the date indicated on Page1 of the Quote. Approval drawings must be returned within 60 days of receipt of the purchase order. The order must ship within the agreed upon time frames or current lead times, but no later than 7 months. Any deviations to this quotation (dimensions or specification changes) will require updated pricing.

Panel Construction: Bally Panels are manufactured with environmentally friendly HFC 245-FA polyurethane foam. This polyurethane foam offers the highest thermal insulation value and the most energy efficiency per cubic inch in comparison to similar foams. It has a zero Ozone Depletion Potential (ODP) and a low Global Warming Potential (GWP). It is not considered a Volatile Organic Compound (VOC) in the US. Standard 4" Bally panels meet the 2009 Federal Energy Standards.

Refrigerants: Unless otherwise specified, refrigeration systems are quoted with environmentally friendly HFO R448A refrigerant. It has a Low Global Warming Potential (GWP) and the EPA lists it as an acceptable substitute for R404A and other high GWP refrigerants.

Automatic Door Closers: Bally includes automatic door closers and spring loaded hinges on all doors 42" wide and smaller as a standard feature with no additional charge that meet the 2009 Federal Energy Standards.

Motors: Bally units are quoted with EC and PSC motors in compliance with federal energy standards, for increased energy savings.

Lighting: Bally units are quoted with lighting in compliance with federal Energy Standards for increased energy savings.

Optional Features: Bally offers additional optional energy-saving features such as Walk-In Alarm & Light Management systems that comply or surpass the 2009 Federal energy regulations.



All Bidders

Attn:

Last Update:

Revisor:

To:

Bally Refrigerated Boxes, Inc. Morehead City, NC 28557 (800) 242-2559

Quote No:

2751-002-R03-LC

10/12/2022

Laura Craig

Item No: Job Name:

South Middle School

Date:

10/12/2022

10/3/2022

From:

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Swanson-Girard & Associates

PVD:

10420 Southern Loop Blvd

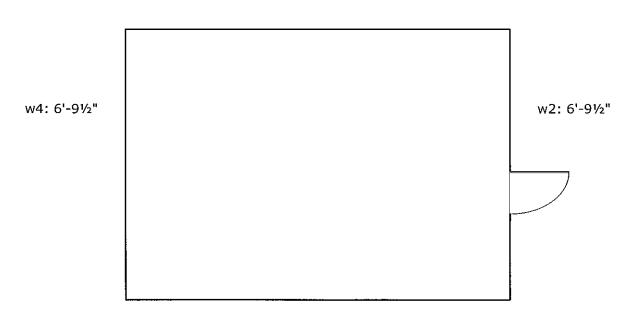
Pineville, NC 28134

Phone:

Fax: (704)521-8801

This drawing is for reference purposes only and it not intended to be a formal scale model.

w3: 9'-8"



w1: 9'-8"

DOOR 1: Wall2 36" x 78" Hinged Door In a 46" Centered Hinge:Right Orientaion:Regular

Version 2.8.25

Page 4 of 4

Single Cooler LOAD CALCULATION





					COOLI	NG REQUI	REMENT	S		数 2000 克 第 2000 克			· 表示:					
Application		eral Walk-	in Coo	ler			Location	[]	Indoor	American Transport of the first	ing other transition		-,azz - g	oso ogradiscino e entros				
Internal Ten		35 °F		ternal RH							84% External Temp 85 °F				Exte	rnal RH	T	55%
Wall Load		750 BTUH	I	nfiltration	1,491 E		Products		322 B1	UH "	Misce	llaneous	4	33 BTUH				
Sector John Common and Biomery	e congrue duce in elemen	25%	estina i a na usa siny kena	THE RESERVE THE STREET OF THE STREET OF THE STREET	50%		- Total Briefly		11%					14%				
		一個於7個。例 4世代表	数A(长/数)	WA	LL, FLOO	OR AND C	EILING L	OAD)S	。 [1] [1] [1] [1] [1] [1] [1] [1] [1] [1]				の 事務は ない				
Section			tructi	-	Thicknes	K Facto	r R Valu	ie E	xt Temp (°F)	Dim 1 (ft)		m 2 ft)	Area (ft²)	Load (BTUH				
Rear		Urethane, S			4.000	0.14	28.57	7	85.0	9.70	7	.50	73	127				
Right End	_	Urethane, S		d panels	4.000	0.14	28.57		85.0	6.90		.50	32	56				
			Door	-			15.00		85.0	3.00		.50	20	65				
Front		Urethane, S			4.000	0.14	28.57		85.0	9.70	7	.50	73	127				
Left End		Urethane, S			4.000	0.14	28.57		85.0	6.90	7	.50	52	91				
Floor		On	Grade	On Concrete	10.000	0.31	32.32			9.70	6	.90	67	166				
Ceiling		Urethane, S	tandar	d panels	4.000	0.14	28.57	<u>' </u>	85.0	9.70	6	.90	67	117				
			V	DLUME (ft ³)	502		T	OTAI	L WALL,	FLOOR A	ND	CEILING	LOA	D 750				
能性 医抗溶酶 概念。医抗原			INF	ELTRATION	LOAD : I	STIMATE	D BY VO	LUM	E AND U	SAGE	5世 國 5			There's 1967 is				
Box Usa	ge :	Internal T (°F)	emp	Internal (%)	Rh E	xternal Te	emp i		rnal Rh %)		tilat CFM			Load BTUH)				
Heavy		35		84		85			55		-			L,491				
			Ŋa,	1. 数次次分子 2. 数次数据	PR	ODUCT LO	DADS		NA A			TO BE	計算	KINE 1				
		Туре	<u> </u>			Weight			• 1	al Temp	Pι	III Dowr	·	Load				
	manal M	D J	A A			(Ib)		(°F)		(°F)		(hrs)		(BTUH)				
		ixed Produc				1,004		45.0		35.0		24	_	322				
er diger, Ogd in omrøder	OTAL	PRODUCT	WEIG	HT (Ibs)	10,000000000000000000000000000000000000	1,004	some plakking setua	Poří chagánas	T onercos au 7	OTAL P	RODU	JCT LOA	\D	322				
	4.90%		der eu		MISCE	LLANEOU	S LOADS			设置 放射机	ðv.	心學頭片	1577					
Quantity				Description	 :		Po	ower		Units		Run Time (hrs)		Load (BTUH)				
				LIGHTING				1		W/ft²		24		228				
1			EVAP	ORATOR MOT	ORS			60		W	<u> </u>	24		205				
									TOTAL M	ISCELLA	NEC	OUS LOA	D	433				
					SYSTEM	DESIGN	SUMMAR	ŧΥ										
Design Load (BTUH)	Safe Facto	ry Lo	fety oad FUH)	Run Time (Hours)	Capac Requir (BTU	red Ref	rigerant	Fre	Line equency (Hz)	Design (°F)		Line Lo	SS	Condense Ambient (°F)				
2,996	10%	3,	296	16	4,94	4 F	R448A		60	10.1		0.5		105				
	都許是			, i sy	STEM E	QUIPMENT	Γ SELECT	TON		VF 300								
Equipment	Туре	Quantit	у	Model Nu	mber		D	escri	iption			Voltage	•	Rating (BTUH)				
Condensing		1		BEHA006M8		EH-Li	ne Herme	tic, C	ondensing	Units-Air	21	08-230/1/	60	· ·				
Evapora	tor	1		BLP107MA	-S1D		Low Pr	ofile,	Evaporato	r		115/1/60)					
计数值记忆					SY	STEM BAL	ANCE	ř.	· · · · · · · · · · · · · · · · · · ·	为抗抗病	(A. W	936 P.S	清涉					
Fan L	oad (BT	UH)		Suction Te	mp (°F)		Evapo	rator	r TD (°F)	un un juga un tecnit Replac	Sys	tem Cap	acity	(BTUH)				
				26.	5	-		8					610	·,				

15

NATIONAL REFRIGERATION AND

BEHA006M8-HS2D

			ADA CORP	•				A0001		_		
BRANTFORD, ON					EH-LINE HERMETIC							
CANADA	CONDENSING UNITS-AIR											
PURCHASER		SUBMITTED BY: Laura Craig										
PROJECT	r SC				Oct 2022	<u>:</u>						
	: 06338.5		69-A00			_	#:6					
	: Q10EUL	CB-A				ID						
PURCHASER'S PO #	· :					GGIN	IG :					
			МО	DEL FE	ATURES							
 Copper tubing secured value Crankcase heater 	with cushion	• A		oded he	e ead pressure se indicated		fle	x hose / fi:	low pressu xed high pr smartSpeed	essure	contro	
 High efficiency PSC fan internal overload protection 	on	cha	rge .		h Helium ho	_	an	d aluminiu	ncy enhand m fin coil d	esign		
 Outdoor weather-resista 			•		al control be				eatherproof	pre-pa	inted	steel
made from G90 galvanize	d steel		•	ntactor a	and fused co	ntroi		binet	C FOR			
 Pre-formed piping Receiver with fusible plu 	ia and liquid	circ	uit					WEF = 7.0	5 FUR /R448A/R4	404 ON	II V	
shut off valve	ig and nquid	l					Ν4	U4A) NJU7,	/ N440A(N4	TOA OI	¥L1	
STOC OIL FOLVE		MO	DEL OPTIO	NS (*	= Shipped	Lone	ie)					
Small N (Better@Warsmall P (Best@WarnSmall P (Good@MooSmall J (Better@MooSmall Q (Best@MoodSmall Q (Best@MoodSmall K Small H 115V Control Circuit ADJUSTABLE PRESSUIT Johnson Dual with flage Separate High/LowBALL VALVE *Liquid Line *Suction Line CAPACITY CONTROL BYPASS To Inlet of Evaporation Suction Line Compressor Circuit Compressor Time D CONDENSING UNIT PACKAGE Tamper Proof ScrewCrankcase Pressure Discharge Air HoodDISCONNECT SWITCE	m/Moderate) derate/Cold) derate/Cold) erate/Cold) t BRE CONTRO ex hose L - HOT GAS or Breaker elay Relay PRISON es Regulator	ols	Units Export Cra EXTENDED WARRANT Copeland Extended I COIL COAT E-Coat FIN MATEI Gold Coat Copper Fi Hail Guard Heated an HOUSING Stainless Insulated LIQUID LI GLASS Sealed Liquid Line	LER S Variable S Variable A 4-YEA Y Leg Kit FING RIAL FINS INS I for Cod d Insul MATER Steel Suction NE FILT E Lock-(SE SOL d 230V (dd 115V (dd 115	e Speed - 2. R COMPRE ndenser ated Receivant IAL Line TER + SIGN Out Relay ENOID VA	SSOR ver		Single Post Suction With He Without Suction Sealed TIME CL Paragor *230V *115V Wind Gu	OCK n 8145 Styl Paragon 81 Paragon 81	rical ILATOR ger anger e 45 Sty 45 Sty	t	
VOLTAGE	SYST	EM REFRIC	GERANT		RATING		SUCTI	ON TEMP	AMBIENT	TEMP	CAPA	CITY
208-230/1/60		R448A			0.6Hp		26	.5 °F	105 °	F	5610	BTU
FANS			CC	MPRES:	SOR				CIRCUIT	TOTAL		
QTY POWER	FLA/FAN	T	YPE	QTY	RLA	Ī	_RA	AMPS	WATTS	MCA	† 1	10P‡
1 100W	1		C2E-CFV	1	4.4		30	5.4		6.5		15
LIQUID 3/8		SOUND	<u> </u>		REC CAPAC			5 lb		Ī	APPRO	
SUCTION 5/8		WEIGHT	149	b	REF CHAP			3 lb				
NOTES: † MCA., Minimum Circu MCA & MOP are for the	uit Ampacity	,					w differ	ent on da	taplate.		€(∯L)#S	
APPROVED BY : Approval of this draw	ring signifies rany person	that the e	quipment is	accepta	able under ti	he pro	ovision	of the job	DATE :	ons. An	y chan	ge

Bally

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BEHA006M8-HS2D

EH-LINE HERMETIC CONDENSING UNITS-AIR

PURCHASER: SUBMITTED BY: Laura Craig
PROJECT: South Middle School Lancaster SC DATE: 11 Oct 2022
ORDER #: 06338.58290.00469-A00 ITEM #: 6
QUOTE #: Q10EULCB-A ID #:
PURCHASER'S PO #: TAGGING:

SELECTED OPTION DESCRIPTIONS

Liquid Line Filter + Sight Glass - Sealed

Sporlan C Series with ODF solder connections and Sporlan SA moisture indicator factory installed in liquid line.

Option Packages - Small B (Good@Warm/Moderate)
LLFD+SG

Time Clock - 115V Paragon 8145 Style

115V Defrost timer is time initiated, temperature or pressure terminated with a timed failsafe. Timer is shipped loose in a box for field installation.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.

OPTIONAL AIR DISCHARGE HOOD DATE : 11 Oct 2022 PURCHASER :

PROJECT : South Middle School Lancaster SC

Order Item No: 6
BEHA006M8-HS2D

EH-LINE HERMETIC
CONDENSING UNITS-AIR

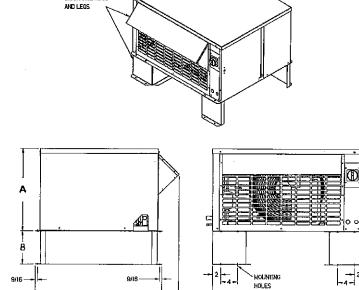
SUBMITTED BY : Laura Craig

Dimensions shown are for standard unit less options.

DIMENSIONS								
DIMENSION A	19 3/8 in							
DIMENSION B	24 7/8 in							
DIMENSION C	30 3/8 in							
DIMENSION D	4 in							
DIMENSION E								
DIMENSION F								
DIMENSION G	0 in							
DIMENSION H								

CONNECTIONS						
	3/8 in					
	5/8 in					
ER						
•	149 lb					
GE	3 lb					
Y	5 lb					
	ER -					

	APPRO	OVALS	
c (UL) us			
NOTES:			



PAGE 18 OF 21

NATIONAL REFRIGERATION AND

BI P107MA-S1D

1 B			TONING CAN	IADA CORP.	•						,		
	159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6					LOW PROFILE EVAPORATOR							
PURCHASER:						SUBMITT	ED BY :						
			n Middle Scho		SC			11 Oct	2022				
			8.58290.004	169-A00		I I	TEM # :						
Dil	QUO RCHASER'S F	TE # : Q10E	ULCB-A			TAC	ID#						
PU	KCHASEK'S F	20 # :		MOI	DEL EE	ATURES	GGING :	<u> </u>					
refrigerate Factory harness Heavy cabinet of scratches Spacious Spacious KE2 *KE Aux S CABI Pair Sta SENS COII Ret DEM/ KE2 *KE DUAL ELEC KE2 Sma Disp	abing coil common toperating or installed solutions installed solutions installed solutions installed solutions installed solutions installed solutions in the second seco	charge) enoid valve v ed aluminum esists compartme ubly D EVAP EEV + Solvi SV,T-stat ncy w/Sporla ency w/Sporla ency w/Spor st ELECTRO corator Efficie uporator Efficie uporator Efficie porator Efficie por	wire	linged drain pain connection front access to der compart chrader connection from the connection of the	pan with (3/4" to spacio ments nection of durable n guards Electror otor (EC NS (* N VALV (V EV nartVap Discor OR PRI toof Scree ting ING ELAL Fins ns The inielded of oors oon Sens dapter Combo [n central university of the contral universi	and eader y Loose) h AGE	• High eand alune • 6 FPI • AWEF • Unit Cowith R404A/IC LIQ 1 Sp Dua Wire Nitr ROC 1 Me *M *J Jool Wire REM 1 INS	efficier minium = 9.0 cooler R507/ UID Loorlan II Volted rogen Chanielechariohnson E Fan IIOTE II 30V CTALLInimum in line trap per X	INE SOL Charged IERMOST cal in A19ABC n A421ABC Guards DEFROST Control Control ATION RI in slope of	ced copdesign NRCAN (149A/R4 ENOID 120-23 and Sc ATS C-02C -02 PANE EQUIRI 1" per	valv solver tu	TS n all
115	/1/60 FANC	101	R448A		<u> </u>	680 CFM		27 °F		35 º	_	5610	BTUH
QTY	FANS POWER	FLA/FAN		YPE	EATERS	SAMPS [A 5.41	ne T	CIRCUIT		+ 1 ×	40 D±
1	0.07HP	1 1	1	IPE	QTY	AMPS		AMI		WATTS 60	MCA ⁻	T N	40P‡ 15
DISTRIB		/8 in	SOUND	_	<u>' </u>	REC CAPACI	TY I					APPRO	OVALS
SUCTI		/8 in	WEIGHT	48 lb		REF CHARG		1 lb				_	
NOTES:		_										c (II) us	USF
† MCA	Minimum C	Circuit Ampao	city, ‡ MOP I	Maximum Ov	ercurre	nt Protection					7		
APPROV		-								ATE:	,		
Appr			fies that the e son whomsoe										ge

Bally

NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

BLP107MA-S1D

LOW PROFILE EVAPORATOR

 PURCHASER :
 SUBMITTED BY :
 Laura Craig

 PROJECT :
 South Middle School Lancaster SC
 DATE :
 11 Oct 2022

 ORDER # :
 06338.58290.00469-A00
 ITEM # :
 8

 QUOTE # :
 Q10EULCB-A
 ID # :

 PURCHASER'S PO # :
 TAGGING :

SELECTED OPTION DESCRIPTIONS

Expansion Valve - Sporlan TXV

May be Type EBQ, S, SBF, O externally equalized thermostatic expansion valve. Valves are selected using the specified capacity and operating conditions of the refrigeration system as specified on the accompanying Certified Prints.

Installation Requirements - Minimum slope of 1" per foot on all drain lines

Bally recommends a minimum slope of 1" per foot on all drain lines.

<u>Installation Requirements - P-trap per evap required</u> <u>outside of box</u>

All evaporators must be trapped individually outside of the box to prevent vapor migration back to coil surface.

Liquid Line Solenoid Valve - Sporlan

Sporlan solenoid coil voltage matches evaporator voltage except when evaporator is 460V, then 230V solenoid coil is used. Exceptions must be clearly explained in the Notes of the option.

Pre-assembled Evap - Sporlan TXV, LLSV,T-stat

Option Package consists of factory installed Sporlan balance port TXV, Sporlan liquid line solenoid valve and Johnson Controls A19 Room thermostat.

Room Thermostats - Mechanical

Single stage temperature control with Single-Pole, Double-Throw (SPDT) mechanical switch. May be Johnson A19 or equal, Operating range of -30°F to +100°F. Adjustable differential of 3°F to 12°F. Factory installed and wired.

Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office.



NATIONAL REFRIGERATION AND AIR CONDITIONING CANADA CORP.

159 ROY BLVD, PO BOX 2020 BRANTFORD, ON CANADA N3T 5Y6

NATIONAL REFRIGERATION will furnish equipment in accordance with this drawing and specifications, and subject to its published warranty. Approval of this drawing signifies that the equipment is acceptable under the provision of the job specifications. Any change made hereon by any person whomsoever subject to acceptance by NATIONAL REFRIGERATION at its home office. Order Item No: 8

BLP107MA-S1D

LOW PROFILE

EVAPORATOR

DATE: 11 Oct 2022 PURCHASER:

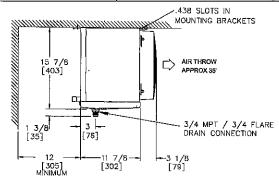
PROJECT : South Middle School Lancaster SC SUBMITTED BY : Laura Craig

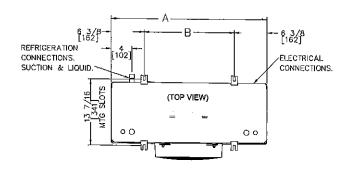
Dimensions shown are for standard unit less

орио	115.
DIMENS	SIONS
DIMENSION A	30 1/4 in
DIMENSION B	17 1/4 in
DIMENSION C	
DIMENSION D	
DIMENSION E	
DIMENSION F	
DIMENSION G	0 in
DIMENSION H	

CONNEC	TIONS
DISTRIBUTOR	3/8 in
SUCTION	5/8 in
DRAIN	3/4 in
WATER	
DISCHARGE	1
PAN LOOP	
HOT GAS SIDE PORT	
HOT GAS INLET	
HOT GAS OUTLET	
ОТНІ	ER
SHIPPING WEIGHT	Г 48 lb
REFRIGERANT CHAR	GE 1 lb
RECEIVER CAPACIT	Υ

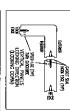
APPROVALS									
c (UL) US	NSF								
OTES:									



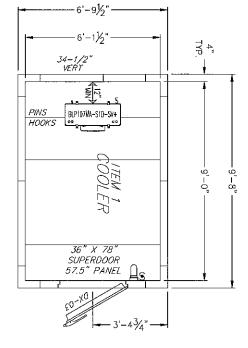


PAGE 21 OF 21



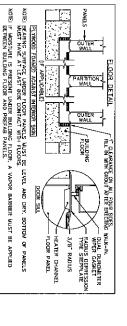


-> DO NOT USE THIS DRAWING FOR INSTALLATION! MPPROVAL_ONLY". A FINALIZED "AS-BUILT" DRAWING.



PLAN VIEW W

SCALE: 1/2" = 1' - 0"



NOTE: Θ ALLY TO FURNISH THE PREFAB SECTIONAL WALK-IN COOLER OR FREEZER ONLY (UNLESS OTHERWISE SPECIFIED). THIS INCLUDES WALLS AND CEILING PANELS.

THESE DAMBUS ARE INTENDED TO SERVE AS GUIDE LINE DRAWNUSS ONLY.
THEY ARE NOT INTENDED TO BE CONSTRUCTION DRAWNUSS AS CONDITIONS MAY VARY WIDELY.
DIMENSIONAL AND MATERIAL DESIGN TO BE DETERMINED BY PROJECT CONSTRUCTION ENGINEERS.

NOT

GENERAL NOTES

NOTE: BALLY TO FURNISH (1) 48" L.E.D. LIGHT, LIGHT SHIPPED LOOSE AND MOUNTED AND WIRED BY OTHERS. (LIGHT SWITCH (12) AMPS MAX).

> 9'-8" X 6'-9 1/2" X 7'-6" SPECIFICA TIONS

INSTALLA TION MODOR

- LOADING HEIGHT - AT LEAST 18" OF OPEN SPACE MUST BE MAINTAINED BETWEEN TOP OF PRODUCT AND CELLING PANELS

INSULATION

- POURED IN-PLACE POLYURETHANE FOAM

 BALY PANELS AND DOORS ARE CERTIFIED COMPLIANT
 MITH CURRENT FEDERAL DOE REGULATIONS FOR WALK IN

 COOLERS & FREEZERS BALLY PANELS AND DOORS EXCEED MINIMUM R-VALUES* FOR COOLERS (MINIMUM R-25, EXCLUDING FLOORS), AND FREIZERS (MIN. R-32, EXCEPT FLOORS, WHICH REAR MIN. R-28)
 *WHEN TESTED PER ASTM. C518 TO FEDERAL REG. 431,304

EXTERIOR FINISH

EMBOSSED GALVALUME

INTERIOR FINISH

EMBOSSED GALVALUME

FLOOR FINISH - (INTERIOR) 1/8" ALUMINUM DT W/ 1/2" PLYWOOD UNDERLAY - (EXTERIOR) EMBOSSED GALVALUME

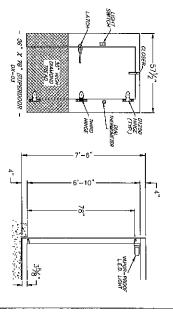
DOORS/ACCESSORIES

- (1) 36" X 78" RIGHT SWING HINGED WALK-IN DOOR
 SUPERDOOR: 3RD HINGE, DT INT & EXT 30"H

REFRIGERATION - BY BALLY (compensing unit mounted outdoors)

•			_		53
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- YTT SELECTION TOTAL BOX SHOW OFFICE SHOULD THE SAME SHOWS THE	2	# ALL CONDENSATION DRAIN LINES MUST BE SLOPED AT LEAST 1:12. 1- 12	٦	208-230/1/60 4.4	\$2
Ë	S	37.7	r	بر	25
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	8	₹,	3	5	2
	E FREEZER CONDENSATION DRAW LINES MUST BE HEATED, INSULATED AND TRAPPED INDIVIDUALLY, BY OTHERS	MSTALLATION	š	15	Y HP FLA DEFROST AMPS MCA FUSE CMPT
	25.	250	2	3	2

SMARTVAP+ REFRIGERATION REQUIRES TWO SEPARATE POWER SOURCES; ONE TO THE CONDENSING UNIT AND ONE TO THE SMARTVAP+ EVAPORATOR.



THRU ENTRANCE D DOOR

SCALE: 3/8" = 1" - 0"SHEET 2 OF 2

IMPORTANT — PLEASE READ

THESE DIAMNOS ARE NOT TO BE COMPORED A PROPRIOR DE LOCAL OF STATE BULDING AUTHORITIES.

TOTAL PROPRIES ARE NOT TO BE COMPORED TO PROPRIOR DE LOCAL OF STATE BULDING AUTHORITIES.

TOTAL PROPRIES AND TOTAL THE REPORT OF THE PROPRIES THOSE TOTAL PROPRIES AND THE PROPRIES AN FOR REFINGEMAND BOMES AND SOUTH MIDDLE SCHOOL BALLY (NC DEPOS)
135 LITTLE MINE DRIVE
MORDHEAD DITY, NC 28667
PHONES (252) 240—2839
FAK: (252) 240—0384 BALLY (PA OFFICE)
ZO NORTH FROM T ST. (SUITE B)
BALLY, PA 1950J
PHONE: (\$10) 702—2210
FAX: (\$10) 702—2211 STAGE STAGE

THIS DRAWING AND ALL INFORMATION SHOWN HEREON ARE INFE EXCLUSIVE PROPERTY OF BALLY REFRICIERATED BOXES INC. ARE SUBMITTED DILLY ON A COMPIBENTIAL BASIS. THE RECEIPENT AGREES INCT TO REPRODUCES. AND THAT IN DISCUSSIVE OF THE DRAWING TO A THE INFORMATION SHOWN HEREON WILL BE MADE TO A THIRD PARTY WITHOUT PROPERTY WHOUT PROPERTY ONSEEN FROM BALLY REFRIGERATED BOXES INC.

RESTRICTED, CONFIDENTIAL DOCUMENT. SIGNED DATE SIGNED APPROVAL PLEASE READ

THIS DRAWING HAS BEEN CAREFULLY CHECKED BY OUR DRAFFING DEPARTMENT: HOWEVER, ERRORS OF INTERPRETATION CAN OCCUR. THEREFORE, BEFORE YOU RETURN DRAWING MARKED "APPROVED", BE CERTAIN THAT YOU CHECK THEM CAREFULLY.

NOTE — THIS ORDER WILL NOT BE SCHEDULED FOR PRODUCTION UNTIL RECEIPT OF APPROVED DRAWNOS BY BALLY. HOLDENDER AND PREPARED AND RECORDED FOR THE PREPARED AND PREPARED BETWEEN DESIGNATION SELECTION OF THE PARE AND PROPARED FOR THE PARED BY THE PARED FOR THE

CORRECTED SECTION VIEW

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2751

Attachment E-6 - Revised



CULINARY SOLUTIONS

Project

South Middle School

From

Swanson-Girard & Assoc.

Becky Jersey

10420 Southern Loop Blvd.

Pineville, NC 28134

(704)521-8811

(888)521-0778 0000 (Contact)

(704)521-8801 (Fax)

bjersey@swanson-girard.com

The following discounts have been applied to this quotation. No additional discounts can be taken off the net price shown.

To ensure all discounts are applied correctly when ordering please send **ALL ORDERS** to Swanson-Girard. Email: orders@swanson-girard.com or Fax: 704-521-8801

For Tracking information please either reach out to SGA office or Autoquotes Order Status.

ITEM Single

SHELVING, WITH METAL FRAME (8 REQ'D)

Cooler -

Metro Model PR1860NK3 Dimensions: 60(w) x 18(d)

Super Erecta Pro™ Shelf, 60"W x 18"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves, attaches to Super Erecta® round posts, NSF

8 ea Model PR1848NK3 Super Erecta Pro™ Shelf, 48"W x 18"D, removable polymer shelf mat, Metroseal 3™ epoxy-coated frame, built-in Microban product protection, split sleeves,

attaches to Super Erecta® round posts, NSF

Model 74PK3 Super Erecta® SiteSelect™ Post, 74-1/2"H, adjustable leveling bolt, posts are grooved at 1" increments & numbered at 2" increments, double grooved every 8", Metroseal 3 Green epoxy coated corrosion-resistant finish with Microban® antimicrobial protection

1 ea Model HP2236PD Metro Bow-Tie™ Dunnage Rack, 22" x 36" x 12"H, slotted, with separate

polymer tie for joining racks, corrosion proof polymer construction, NSF

